TrueControl™
User Guide

iPad®, iPhone®, iPod® app version: Savant TrueControl II 6.0.0 ER1

Mac® app version: Savant TrueControl for Mac® 6.0.0 ER1

RacePoint Blueprint™: Release da Vinci 6.0.0 ER1

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Contents

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Overview

Savant Systems' TrueControl™ app provides control of home or office systems using an iOS device. This app leverages the power of Wi-Fi and cellular networks to stay connected to your Savant system at home or in any commercial environment. TrueControl provides flexibility to control your whole house or corporate office, including music, video and lighting scenes, security, climate, energy, entertainment, and much more.

TrueControl II transcends vertical markets providing both automation and control to residential, commercial, education, government, mobile, and professional audio/video (AV) markets alike.

TrueControl II - app version for iPad®, iPhone®, or iPod®

TrueControl for Mac - app version for your Mac computer—including the MacBook®, MacBook Air®, MacBook Pro®, and iMac®.

Highlights of TrueControl

- Multi-room navigation and control
- Full two-way control with active feedback
- Navigation bar and active content
- Category and service docks
- User customization including categories and channel favorites
- TrueCommand™ navigation supported
- TrueImage™ (iPad only) navigation supported
- Guest access and Savant mobile (control from anywhere in the world)
- Wireless video streams from network cameras
- Navigation and control of Internet music and subscription services

This user guide describes the default functionality of Savant Systems' TrueControl app.

> *Important!* A pre-Release 6.0 TrueControl version must be uninstalled before installing the latest TrueControl version.

Assumptions

This document assumes the following:

- That you have uninstalled your pre-6.0 version of TrueControl before installing the 6.0 version

- That you have installed the TrueControl II app, on your iOS device, or installed the TrueControl for Mac app on your computer
- That you have launched the TrueControl app

In this document where the information provided references an iPad, this information is also applicable to other iOS devices.

Glossary

The terms described in this section are referred to in this user guide.

| Term	Description
iOS Device	An iOS device can be an iPad®, iPod touch®, iPad mini®, iPhone®, Savant Select, or Mac® running the TrueControl app.
RacePoint Blueprint™	A developer's tool that takes some libraries of data (component profiles and themes) and allows the Savant dealer to choose the set of components in a customer's installation, wire them together and to choose the user interfaces that are desired for the various UI devices, such as, iPads, iPhones, or iPod touches.
Remote Instance	An instance that has been configured to be accessed remotely, outside the Savant system local network.
Service	A service can be a media source outputting to a Savant system or a display. It can also be a non audio/video service, such as HVAC, energy monitor, or other environmental services.
TrueControl™ II	Savant's app for the iPad®, iPod touch®, or iPhone®—providing control of home or office systems.
TrueControl for Mac®	Savant's app that enables users to access the control functionality of their Savant SmartSystems™ from the desktop of their Mac OS® X computer. The app matches the look and most functionality of Savant's award-winning iOS apps available for the iPad, iPhone and iPod touch.
TrueCommand™	A Savant feature which provides an on-TV menu system for interacting with a Savant system.
TrueImage™	Savant's technology providing an innovative interface that allows you to touch actual images of a room to initiate commands.
Zone	A user zone is a user specified area where physical controllable devices are placed, for example, a living room. In user zones you can control HVAC, lighting and AV equipment with an iOS device.

Opening TrueControl

To open the TrueControl™ app, tap the Savant icon as shown in the next screenshot.
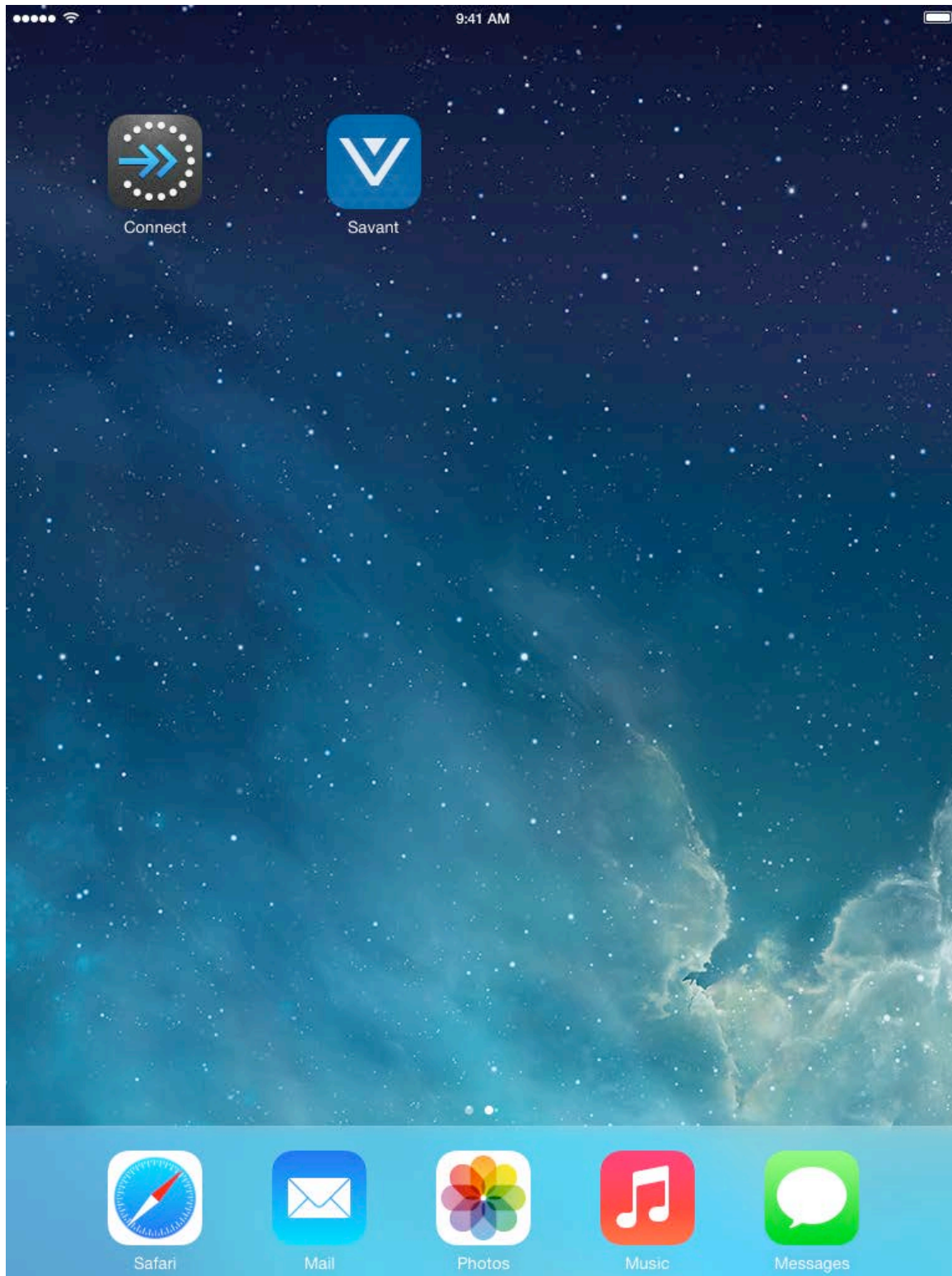
Using the System Selector Screen

The first time you open TrueControl™ it finds systems on the local network that the iPad might be able to control, as well as, shows recent systems that the iPad has accessed and any remote systems that have been configured. To open the settings screen, see *Modifying System Settings*.
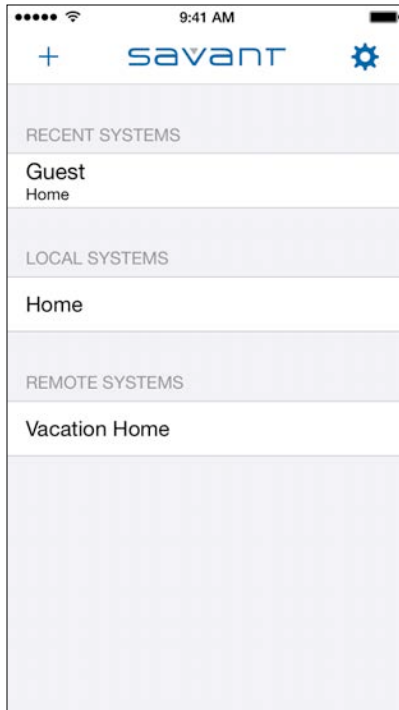

If the iOS device (iPad, iPod, or iPhone) has previously connected to other systems—recent systems and remote systems that the iOS device has already used—will display. A remote system allows the iPad to control a system over the Internet—see *Configuring a Remote Instance*.
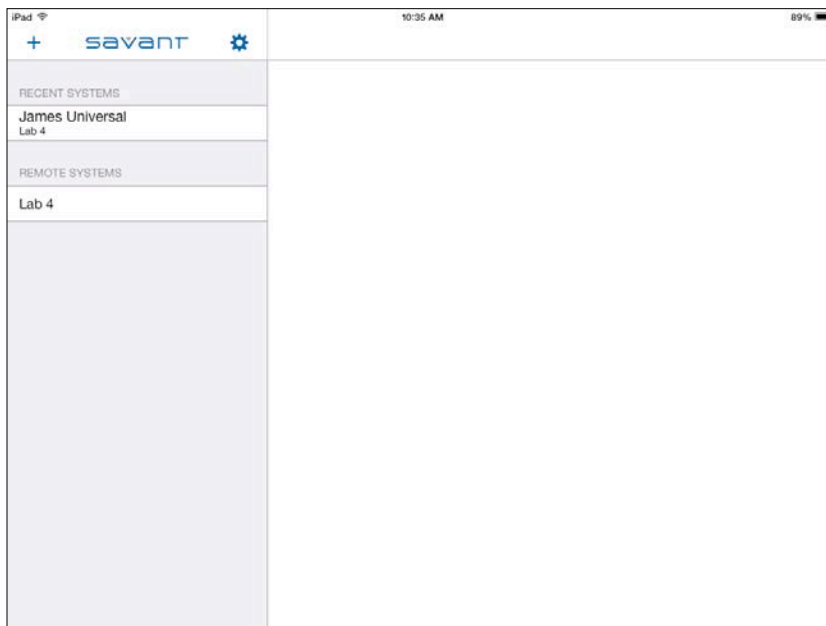
At a Glance

The standard TrueControl™ interface displays a categories dock, navigation bar, and services dock. The categories dock shows a minimum of the **All** and **Settings** icons. Icons of other categories are displayed as TrueControl connects to the configured devices, for example, to Cable TV, music sources, and energy monitors. Icons in the Services dock are displayed based on the connections that are made to the various types of devices.

Categories Dock

Navigation Bar

Services Dock
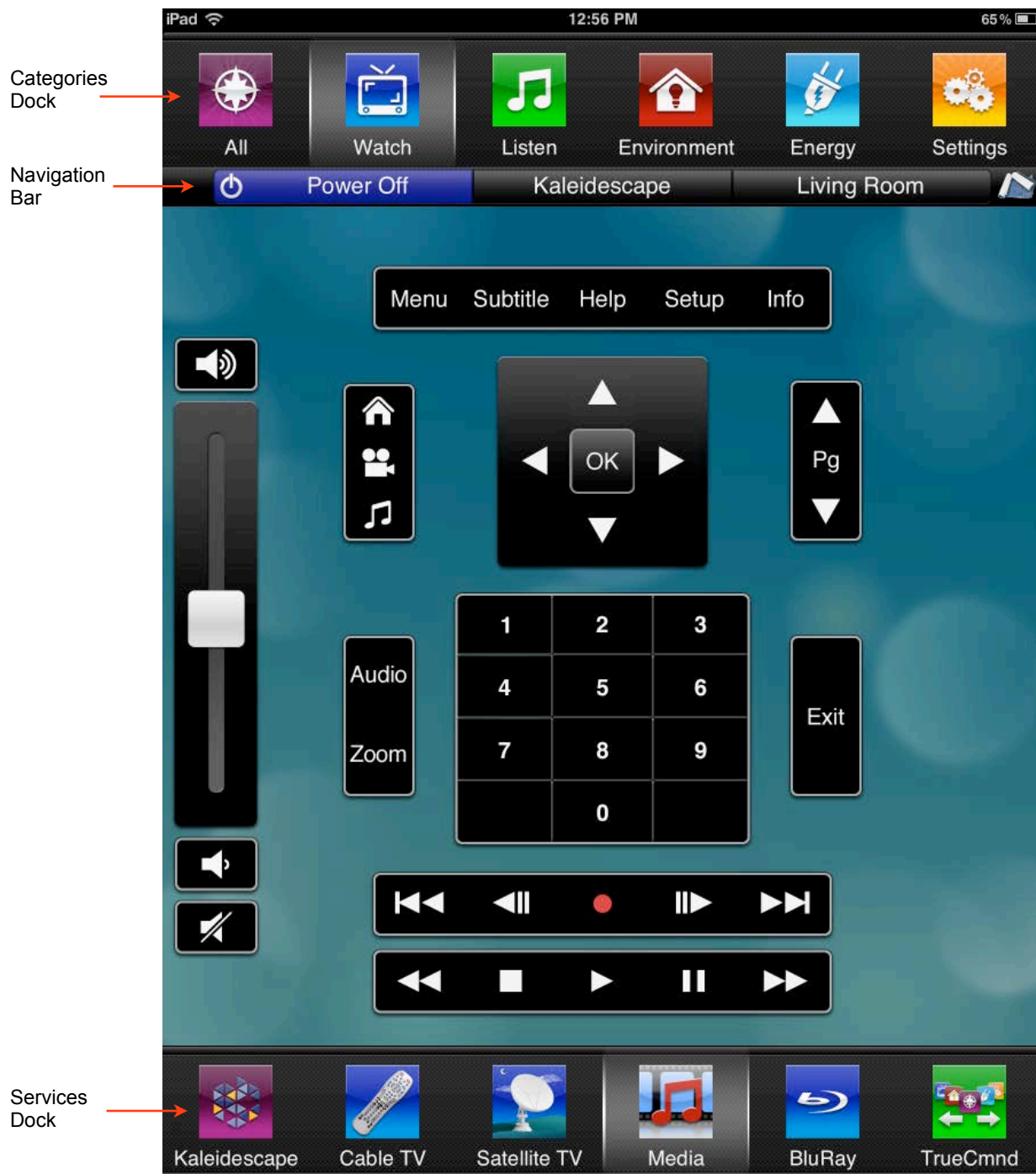
Example TrueControl User Interface

Landscape View of TrueControl

TrueControl™ allows you to view the screen in either portrait or landscape orientation. The previous screenshot in this document shows the portrait orientation. The next screenshot shows the landscape orientation
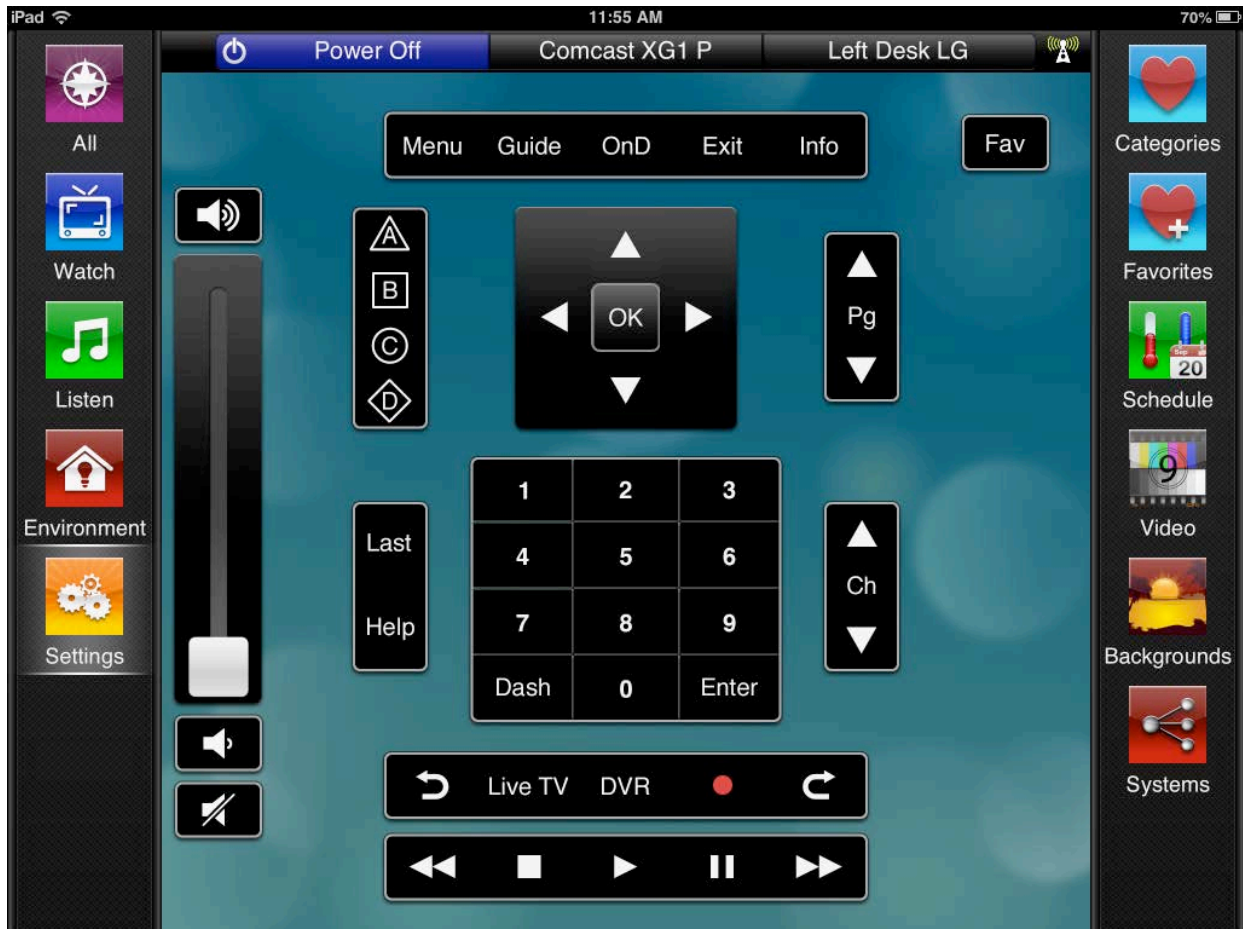
Categories Dock

The TrueControl™ app features a categories dock at the top of the screen. By selecting an icon in the categories dock the service icons for that category are displayed in the services dock.

Icon	Description
	All Shows in the services dock all of the icons for available services in your system.
	Watch Shows all of the icons for available video services, such as cable or satellite TV, Blu-ray services, in the services dock, if media devices are available.
	Listen Shows all of the icons for available listening services, such as, satellite radio or CD player, in the services dock, if available.
	Environment Shows all of the icons for available environment services, such as, phone, lighting, and shades in the services dock, if available.
	Energy Shows all of the icons for available energy services, such as, dashboard, energy history, and energy meters in the services dock, if available. This icon does not display in TrueControl for Mac–energy monitoring is not supported in TrueControl for Mac.
	Settings Shows all of the icons for available **Settings**, such as, favorites, HVAC schedule, and stereo settings in the services dock. See *Modifying System Settings*.

Navigation Bar

The navigation bar allows you to access the power settings, a service, or a zone (room). To access these options, tap or hold the navigation bar to open the related popover. Tapping the **Power Off** button when it is highlighted blue will power off the zone (room). In the next graphic references to hold mean: press and hold.

Power Off
- Power off all audio and video services (hold)
- Power off specific zones (hold)
- Source power toggle (hold)
- Sleep timer (See page 28)

Open Active Services Popover
- Shows name of active service
- Allows return to active service
- Launch TrueCommand* (tap)
- Return to blank background (tap)
- Open the Phone Service* (tap)

Open Rooms Popover
- Select zone to control (tap)
- Multizone control (hold)

  See next page.
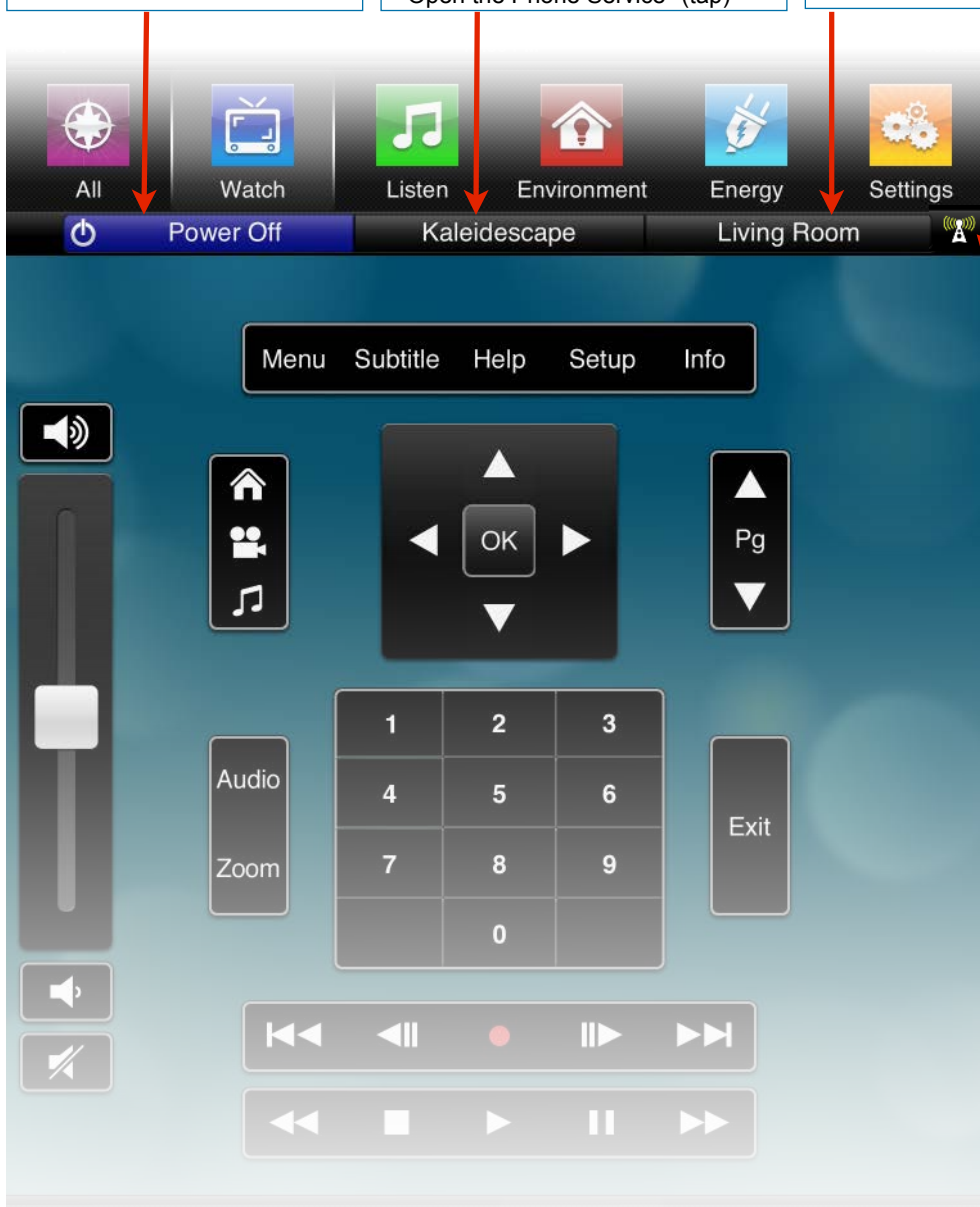
Indicates the iPad is connected and communicating with the Savant system.

If you see this symbol, then the iPad is not connected and communicating with the Savant system:

This connectivity indicator displays if TrueControl has a connection to the Savant system both over Wi-Fi and the control dock:

*
Denotes option is only available if the applicable hardware is configured in your Savant system.

MultiZone Control

To enable a service in multiple zones (rooms), do the following.

1. Select a service from the Services dock.
2. On the navigation bar, press and hold the zone (room) area, shown in the next screenshot.

3. Tap each ![power icon] to enable the service in the desired zones, then close the popover.

Services Dock

The display of icons shown in the services dock depends on the category icon selected in the categories dock. The following icons are those associated with the **Settings** category.
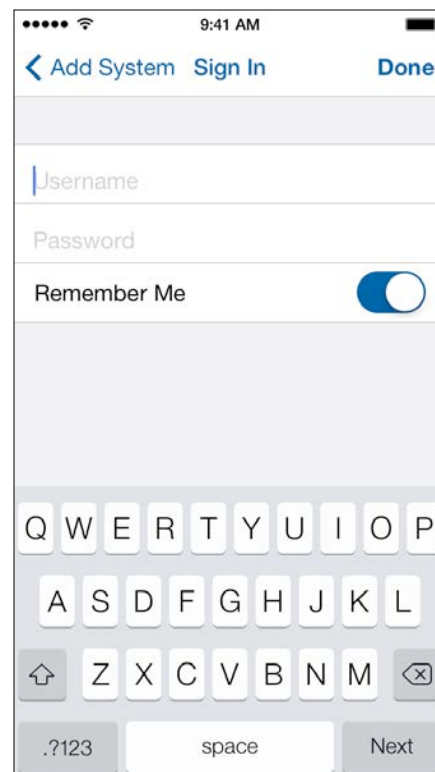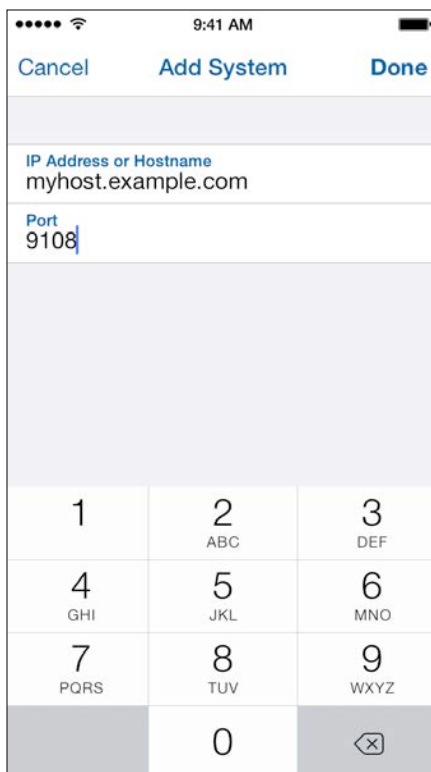
Icon	Description
	Favorites Add, delete or modify the user's Favorites related to the following services: Cable TV, Satellite TV, AM Radio, FM Radio, and Satellite Radio. See *Adding, Modifying and Deleting Favorites.*
	Schedule Create, modify, or delete an Heating Ventilation Air Conditioning (HVAC) schedule.
	Video Provides control of video settings for your system. Contact your integrator for specific details.
	Surround Provides control of surround sound audio settings for your Savant System. Contact your integrator for details.
	Background Select an image file that will be used as the background for your TrueControl app. See *Modifying the Background.*
	Systems View Savant system configuration or load a new system interface, add a remote system (including authentication), and system settings. See See *Modifying System Settings.*

Configuring a Remote Instance

If you want to control your Savant system while not on the same network as your system, you can use TrueControl™ to access your system remotely. If your installer has configured remote access in your RacePoint Blueprint™ configuration and your network is set up appropriately, the app will be able to connect to your system via the Internet with no further interaction required.

If you need to add a remote system when not on the same network as the host, do the following.

1. Tap ➕ to add a remote system from the System Selector screen, as shown in *Using the System Selector Screen*.

2. Enter the **IP address** or **Hostname** and **Port** .
3. Tap **Done**.
4. Enter a **Username** and **Password** that the installer previously added to RacePoint Blueprint™.
5. Tap **Done**.

Modifying System Settings

The TrueControl™ app settings on your device may be customized. Review the options available in the next figure. Also view the summary of options in the table on the next page.

To navigate to the system **Settings** screen, on the Categories dock tap the **Settings** icon . Next, on the

Services dock tap **Systems** icon in the Services dock. Next, tap the **Settings** icon,
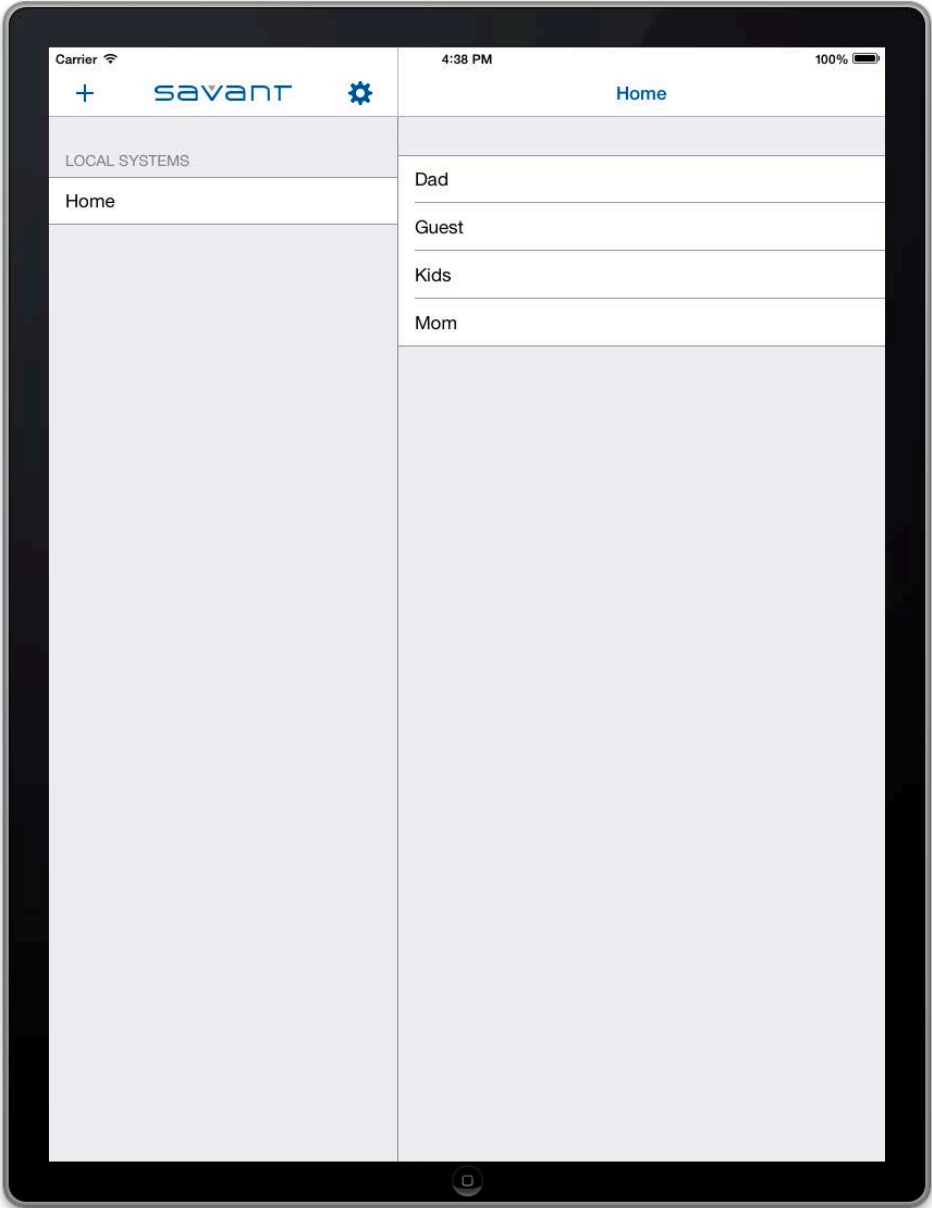
See next page for more details.

On the TrueControl™ system settings screen some settings are simply an enable/disable toggle, while others open a popover for entering or selecting more data. For more details on these settings, see the next page, *Summary of Options for the System Settings Screen*. The following popovers are associated with system settings.

Summary of Options for the System Settings Screen

| Option	Description
Prevent Device Sleep	**ON** prevents the screen from locking. To avoid the battery being run down, use this option only when the device has constant power. See also, *Enabling the Sleep Timer on an iOS Device.*
Reconnect To Instance	If **ON** and the app detects the local system, it will bypass the initial screen and go directly into the default zone of the previously loaded interface.
Require Passcode	Sliding to **ON** enables TrueControl authentication.
Enable Screen Saver	If the screen saver is set to **ON**, the screen saver is activated when the TrueControl app is idle for a specified amount of time. To enable the screen saver, slide the screen saver switch **ON**.
Screen Saver Options	For **Start After**, enter the number of hours and or minutes For **Mode**, select Blank, Collage or Fade and use the slider as appropriate. If applicable, for **Transition Time**, slide to any point up to 10 seconds. For **Managed Pictures**, tap the **+** sign and select the photo to be used. For **Display Clock**, select None, Top Right, Bottom Right, Centered, or Bottom Center. For more details, see *Setting Up a Screen Saver*.
Device Info	Displays the following information: • Savant ID • IP Address • App Version
Email Logs	Enter the email address to which you want logs sent and then tap **Send**.
Bonjour Logging	To view the local log file that is on the device: Open Bonjour from your Safari Web browser. To do this, you must enable in your Safari Preferences, one of the following: - Include Bonjour in the Bookmarks menu - Include Bonjour in the Favorites menu
Clear Systems	A local copy of graphics and configuration data is kept in the iPad®. This button will clear all user data from the device, including remote access data and keychain information. After clearing cache, on the **My Systems** screen you will see an instance of a system that has been configured based on a UID. System instances that have been configured based on a shareable UID do not display. **Clear Cache** also removes system instances on iOS devices that share this configuration. To clear the cache of TrueControl for Mac, see *Clearing the Cache on TrueControl for Mac.*
Savant Website	Opens the Savant Web site *www.SavantSystems.com*
Download Demo	This option allows you to view standard TrueControl and Savant Systems capabilities. This is for demonstration purposes only.
Download TrueImage Demo	This option allows you to view standard TrueImage and Savant Systems capabilities. This is for demonstration purposes only.

Clearing the Cache on TrueControl for Mac

Clearing the cache removes system instances on iOS devices that share a configuration.
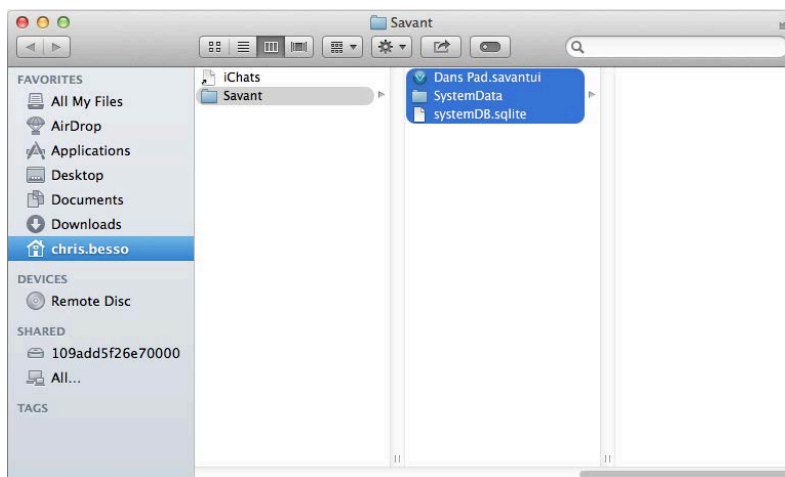
The following procedure is only applicable to TrueControl for Mac.

To clear the cache of TrueControl for Mac, do the following.

1. Right click the title bar of TrueControl.
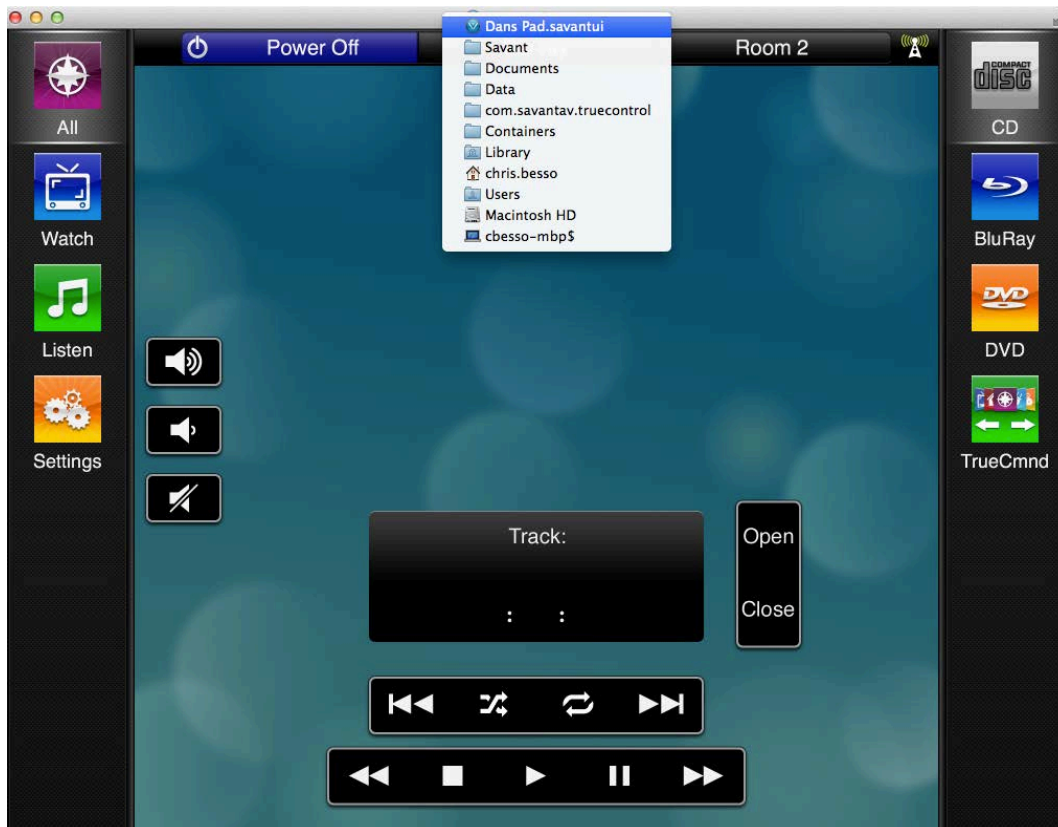

2. Select the folder named *Savant*.

3. Select all of the files in the Savant folder and delete them.
4. Close TrueControl and then re-open it.
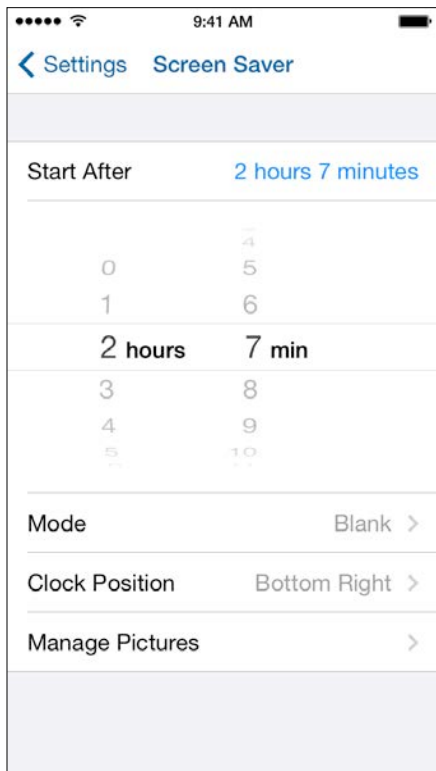
Setting Up a Screen Saver

To specify a screen saver for your iOS device, do the following using TrueControl.

1. From the System Selector screen tap the **Settings** icon:
2. If not enabled already, swipe **Enable Screen Saver**.
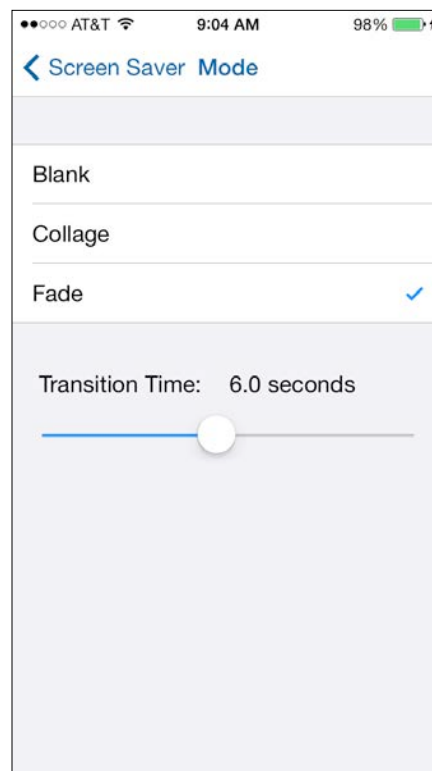3. Tap **Screen Saver Options**.
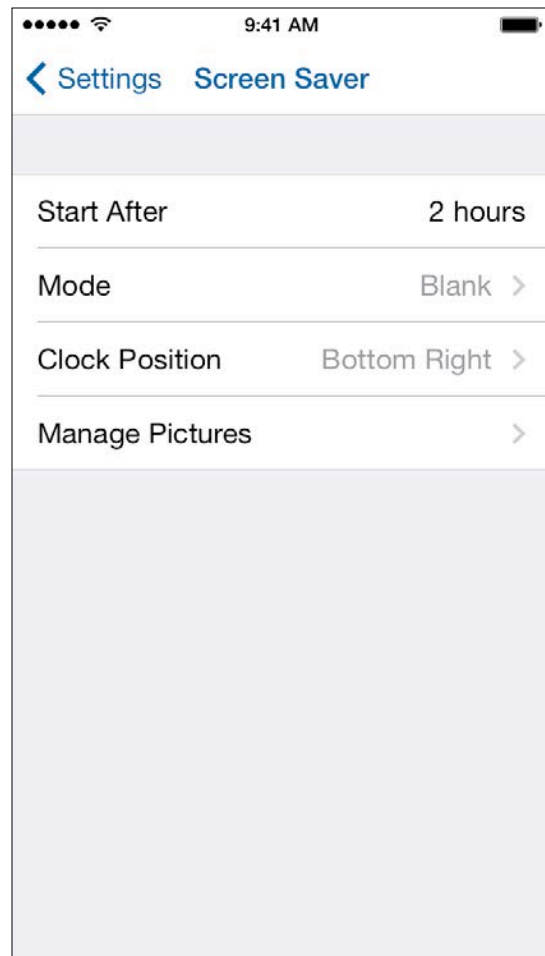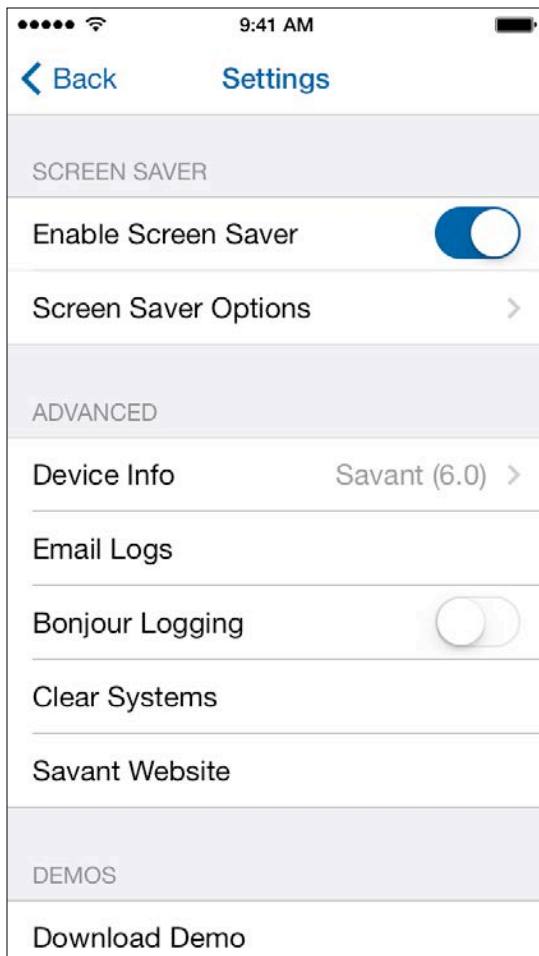
See the next screenshots that show the various settings available for each Screen Saver category.
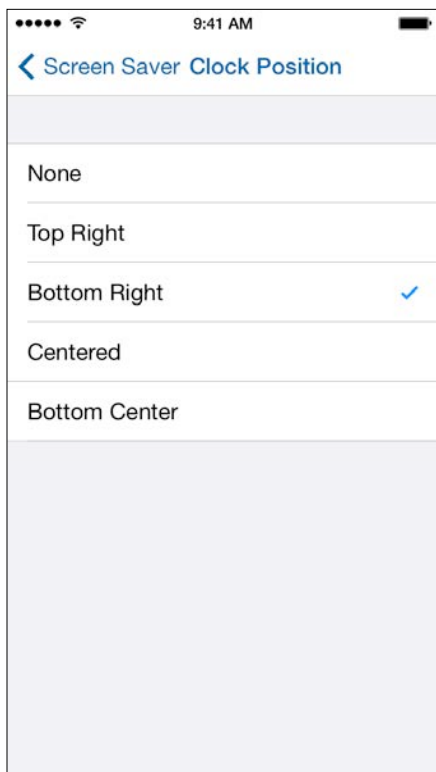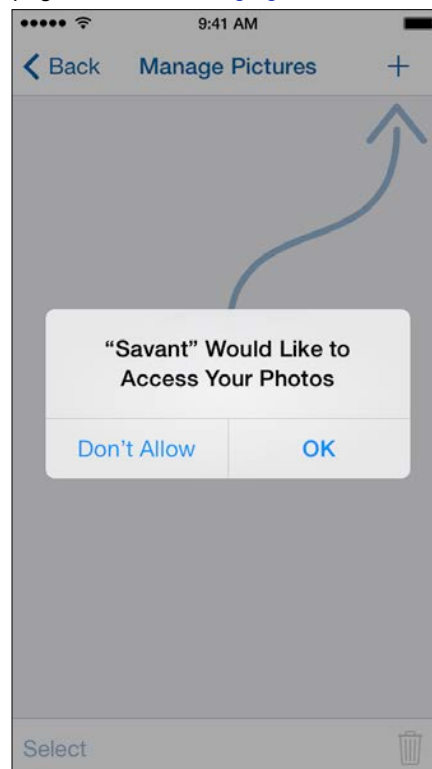
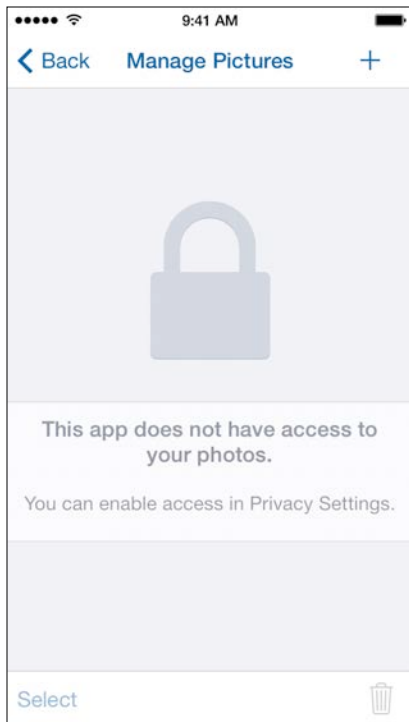**Start After**

Mode

Clock Position

Manage Pictures

For more details on managing pictures, see the next page, *More on Managing Pictures*.
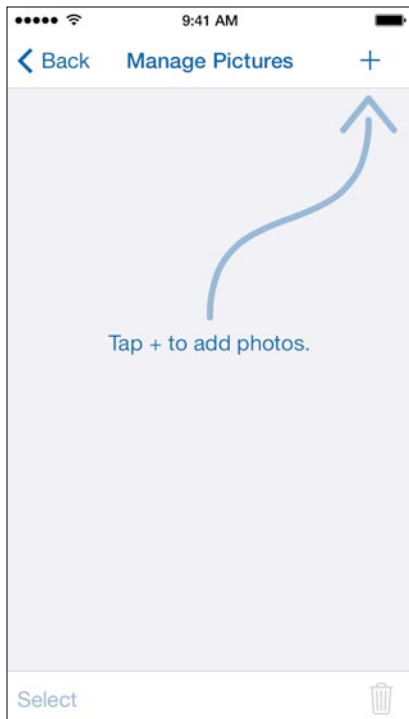
More on Managing Pictures

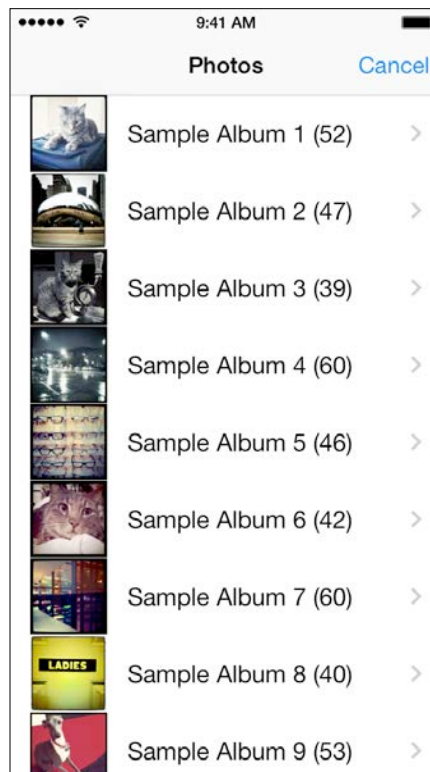If access is denied to your pictures, you will see the following screen and then you must enable access in **Privacy Settings**.
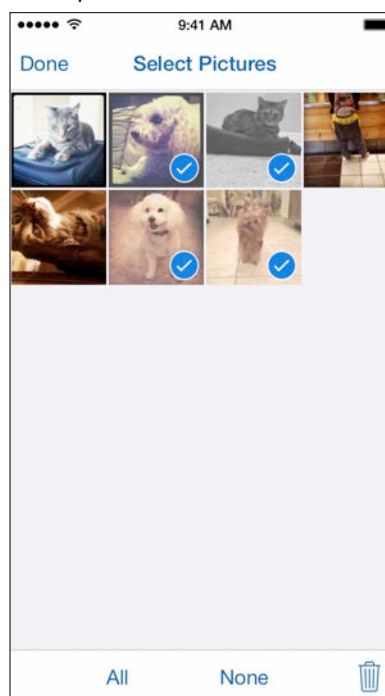

Tap ✛ to add pictures for your screen saver.

Choose an album from which pictures can be selected.

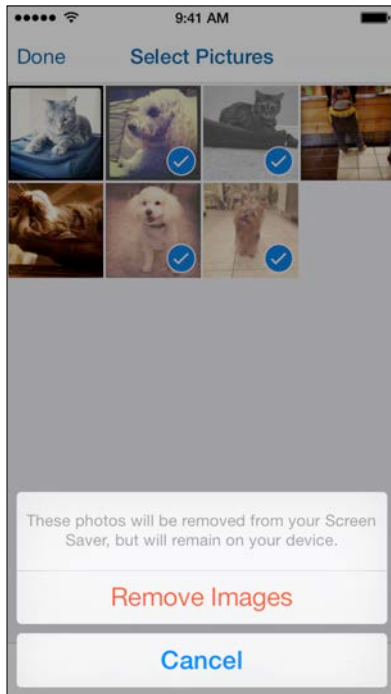Select the pictures you want to use for a screen saver and tap **Done**.

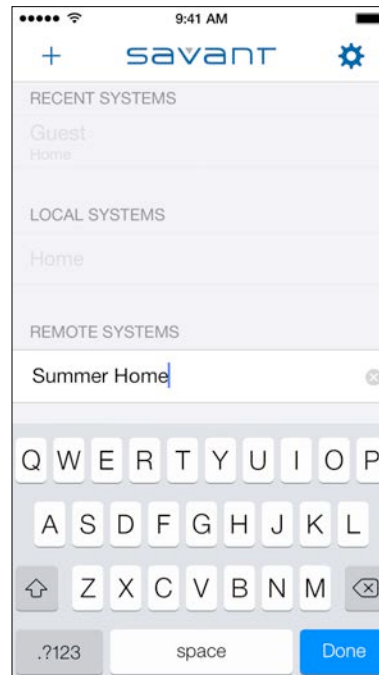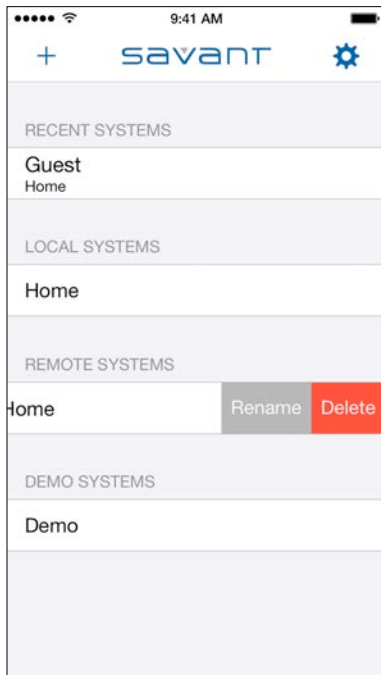To remove any pictures from your screen saver, select
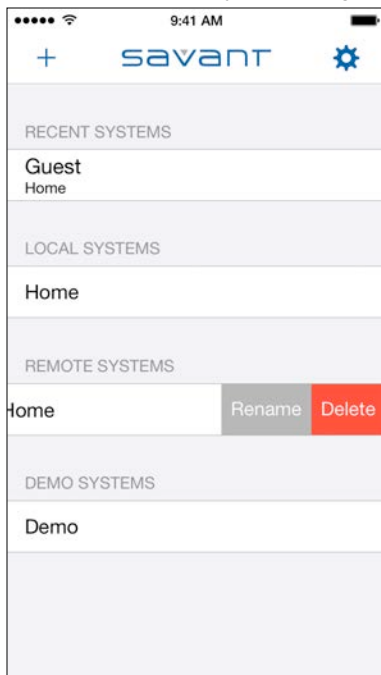🗑 and then tap **Remove Images**.

Renaming or Deleting a Savant System

To rename a Savant system using TrueControl, swipe to the left, select **Rename**, and then enter the new name.

To delete a Savant system using TrueControl, select **Delete** for the system you want to delete.

Modifying the Background

The background (in-app wallpaper) on your iPad® can be changed using TrueControl. A photo that is stored on the iPad can be selected to serve as the background.

To select a background do the following.

1. In the Categories, dock tap the Settings icon:

2. In the Services dock, tap the Backgrounds icon:

3. Tap the Photos button as shown in the next screenshot to open the **Photos** picker.
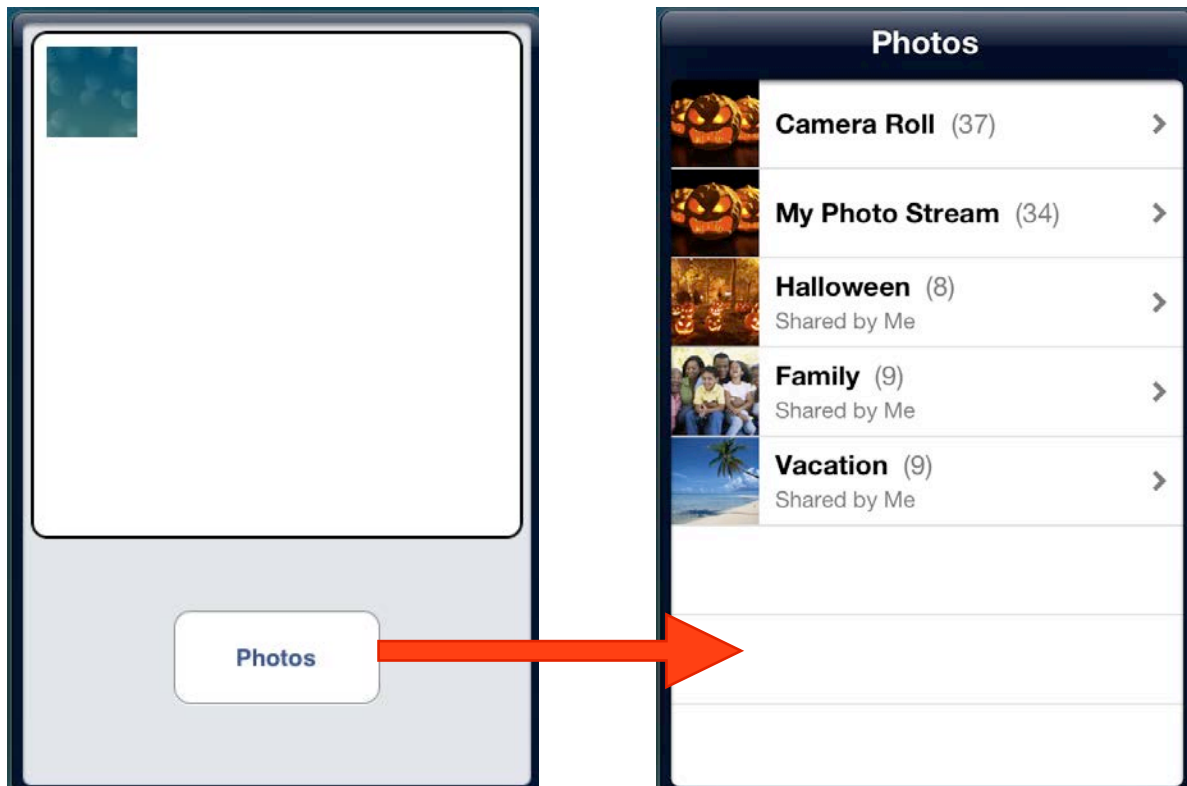
4. Tap the desired row **in** the **Photos** popover to show the list of available photos on the iPad.
5. Tap the desired background photo to select it.
6. Use pinch and zoom to move the photo to the desired location on the screen and scale it to the desired size.
7. Tap the **USE** button.

Adding Favorites

You can create and modify your own channel Favorites. The Favorites can be accessed from the Services dock after

you have selected specific categories such as the **Watch** icon: [icon] or **Listen** icon [icon]. After selecting, for example, **Watch** or **Listen**, select the appropriate service. The Favorites that you add are limited by the iPad on which the channel favorites are created.

To add categories to your Favorites popover, do the following.

1. Tap the **Settings** icon, as shown in the next screenshot.
2. Open the Favorites screen and tap the Favorites icon, as shown in the next screenshot.
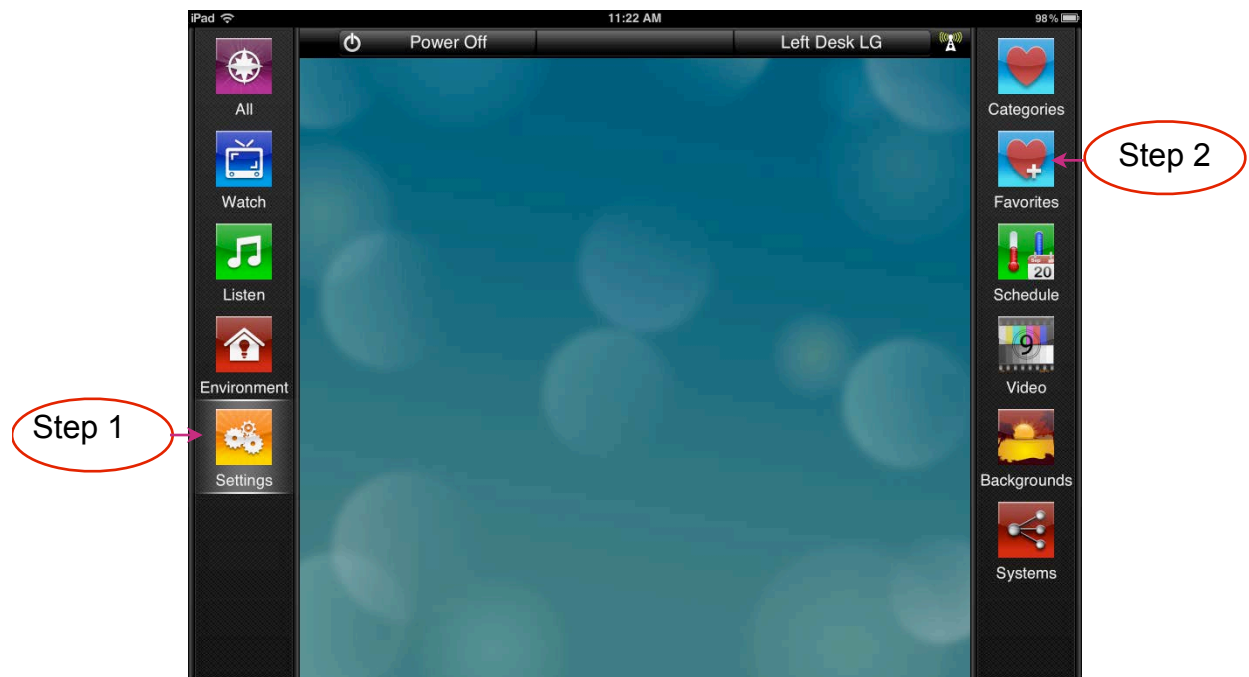
3. Tap a service under **Services**.
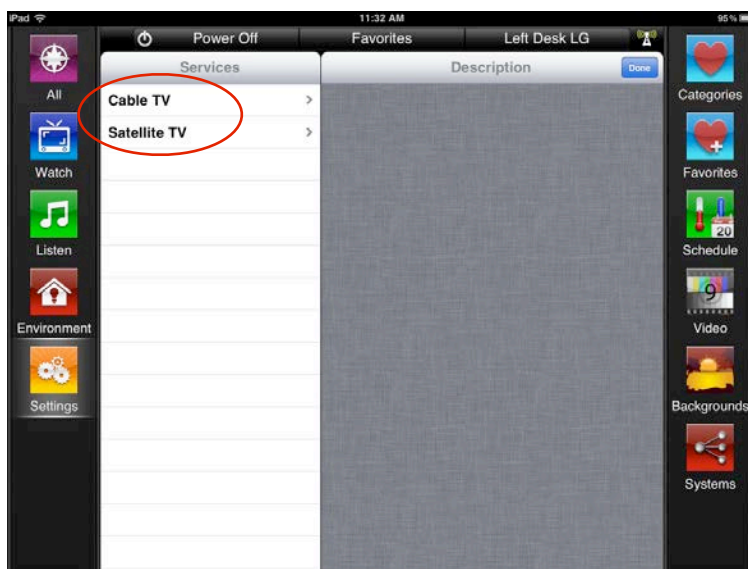
4. Tap the **New Category** row under **Categories** to create a new category.
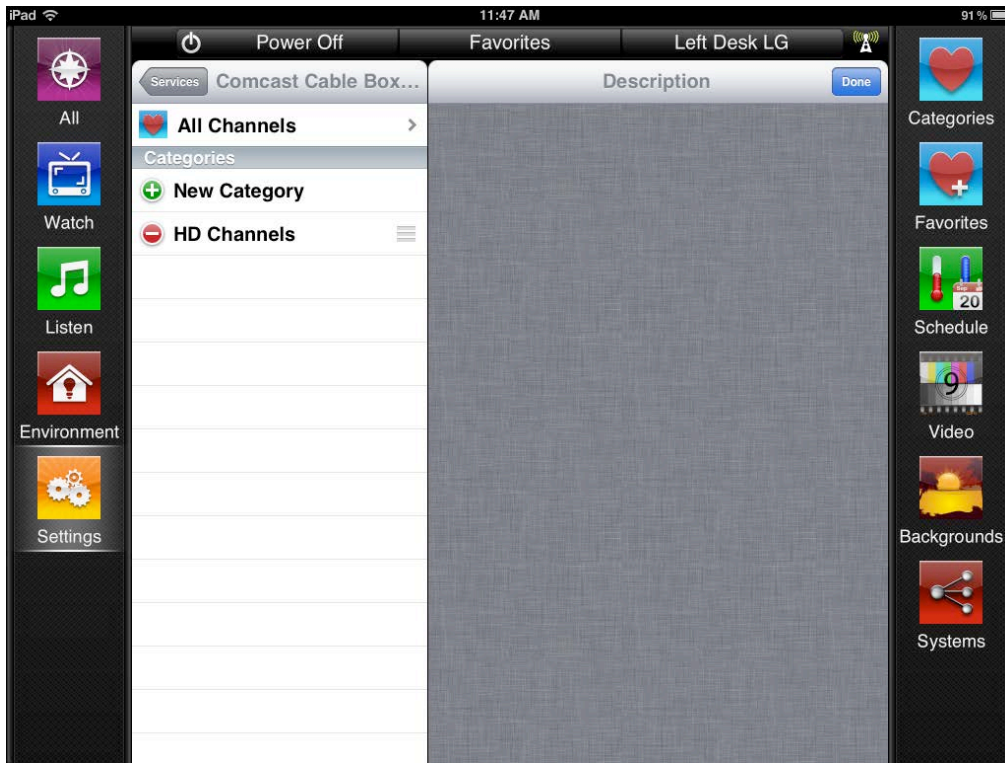
5. Enter the Category name, as shown in the next screenshot, and tap **Save**.

042214
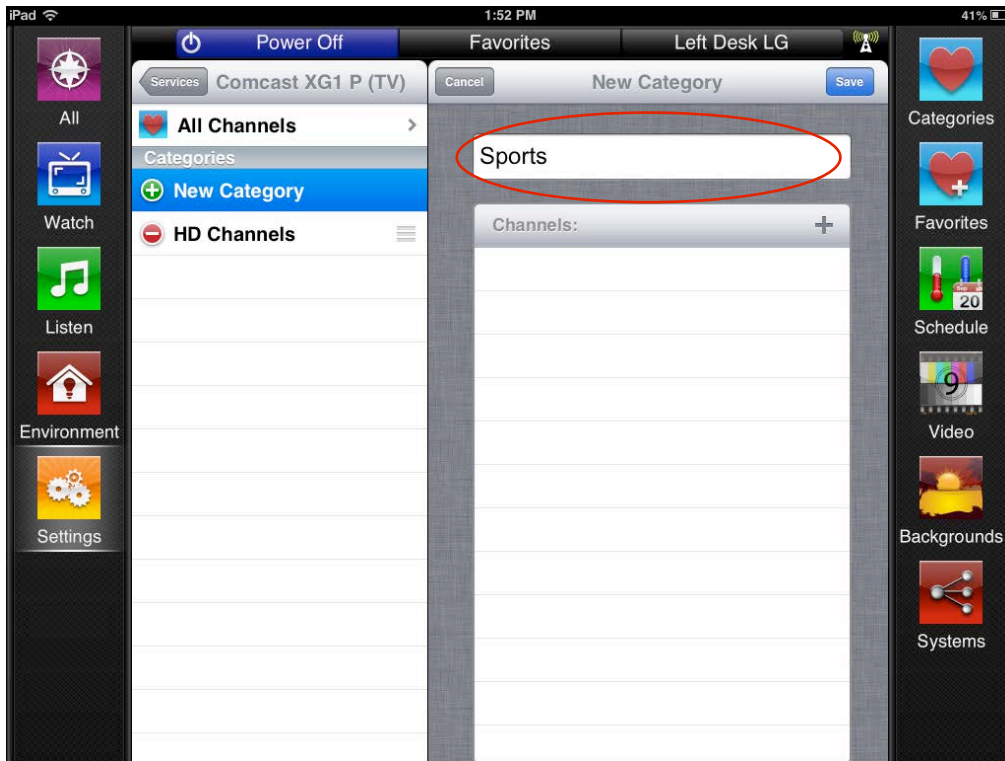
To reorder the Category in the list, do the following.

To reorder this category in the list hold this icon and drag the entry to the desired position.

To add channels to the Channel list, tap the plus sign.
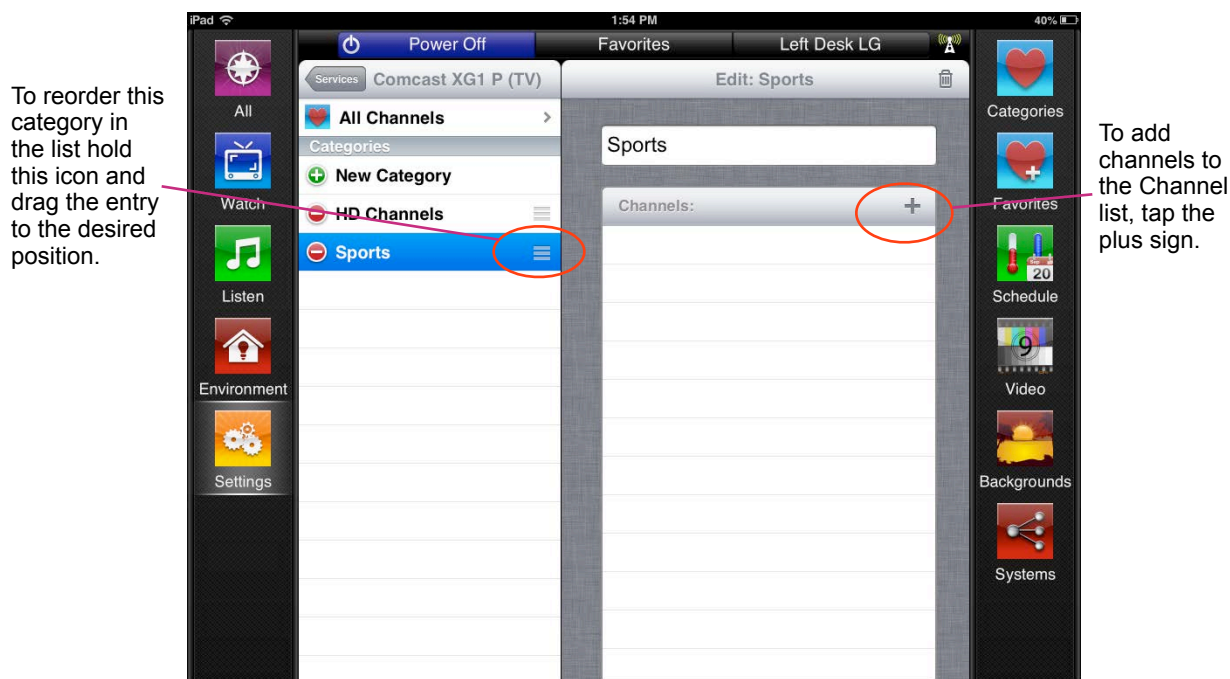
After you tap one of the channels in the **Add Channels** list (left) the channel is added to the list on the right. After you have added all the desired channels tap [Done] (enabled when there is an entry in the **Add Channels** list on the right).
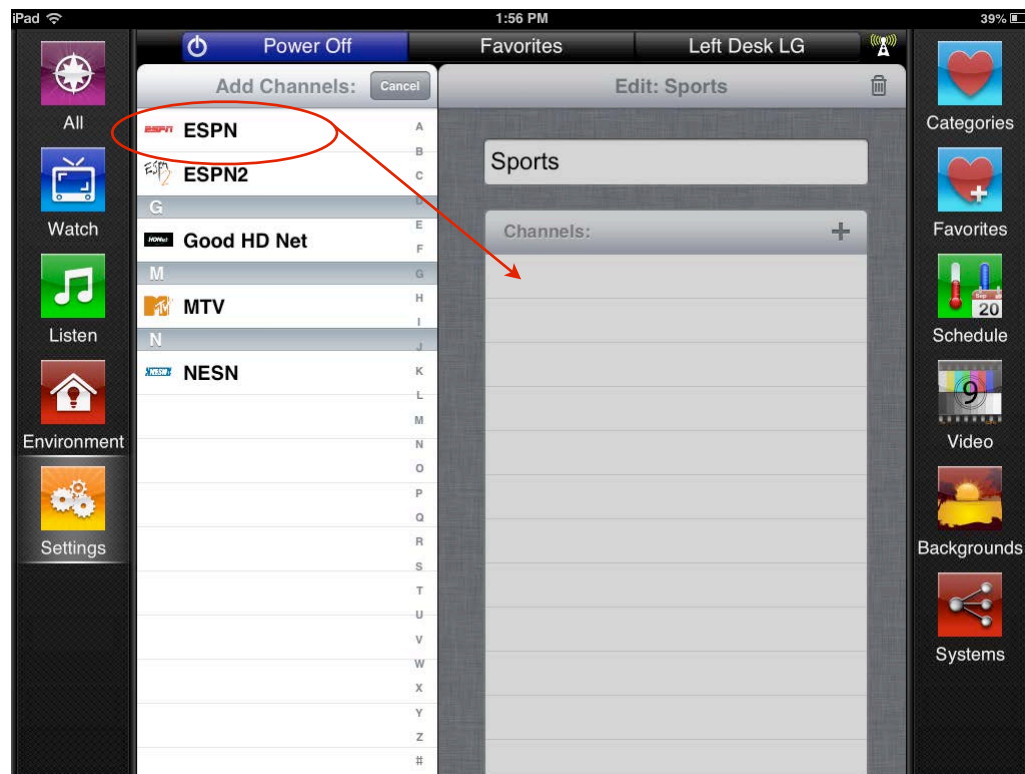
To access the following options, tap to open the popover:

- **Copy to Category**: allows you to copy this channel to any Category that does not already have it.
- **Edit Channels Details**: edit the channel description, channel number and the categories associated with the channel.
- **Delete from Category:** allows you to delete this channel from a Category
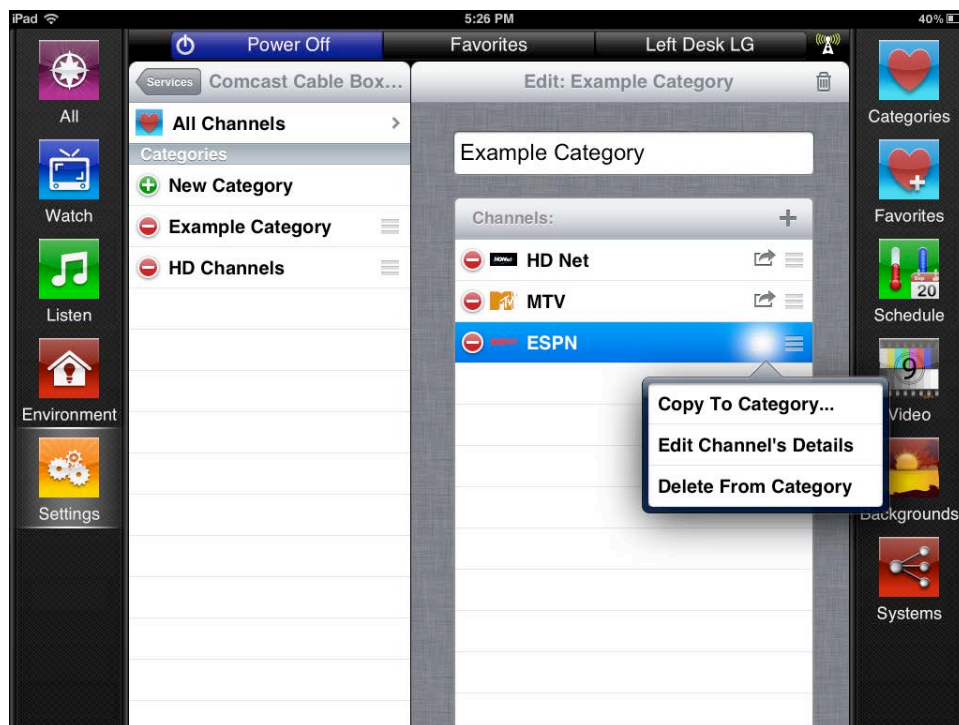
Tap the areas indicated in the next screenshot to make modifications.
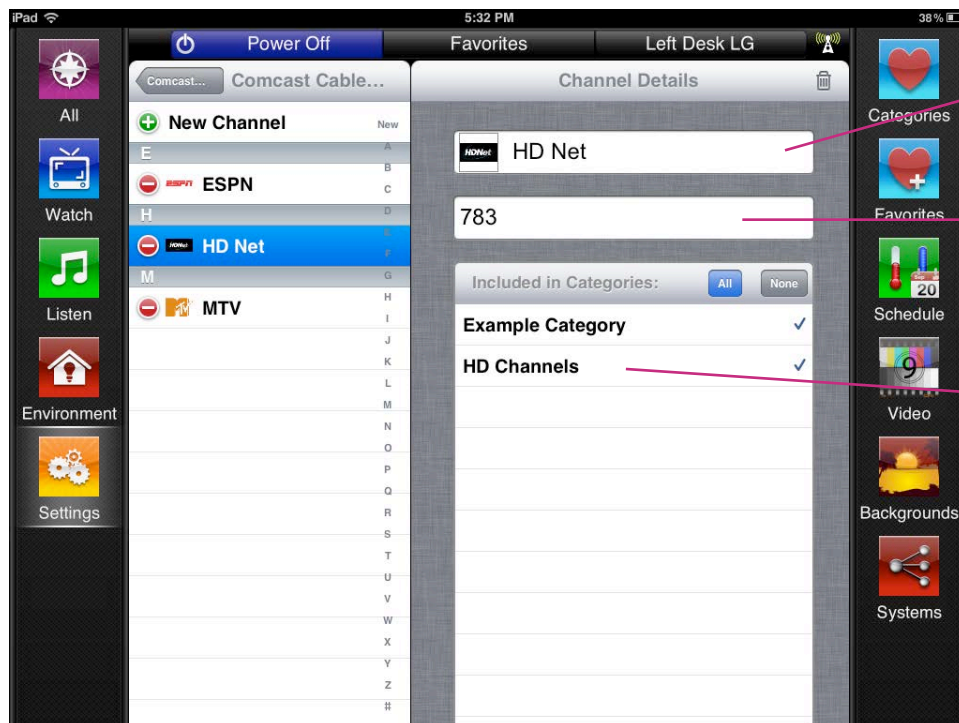
Tap to edit the description of a channel

Tap to edit the channel number

To include the channel in all categories, tap **All**. To include the channel in specific categories, tap each category (row) to add a check mark. To remove a category, tap the row again to remove the check mark.To remove all categories, tap **None**

Viewing Categories within Favorites

To view the categories that have been added, do the following.

1. Tap a relevant category such as **Watch** or **Listen**.
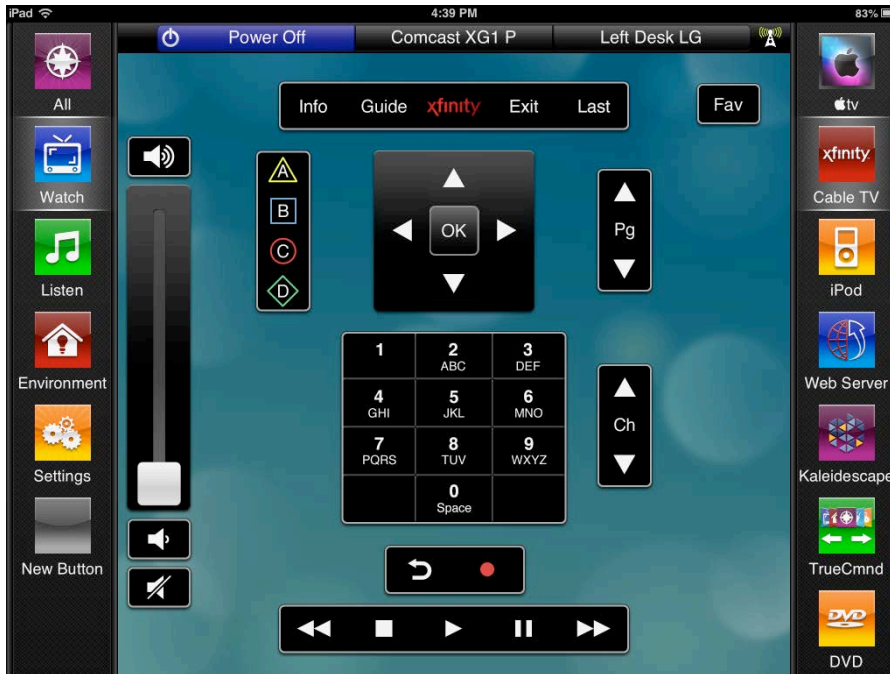
2. If **Watch** has been selected for example, tap **Cable TV** in the services dock.

3. Tap the **Fav** button (shown in the next screenshot).
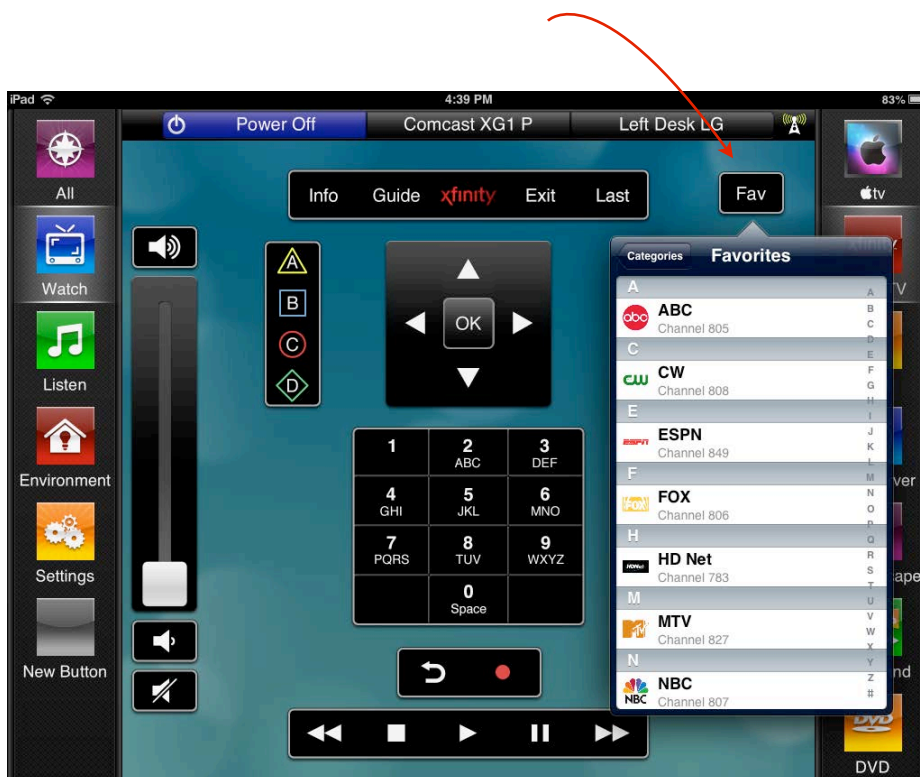
4. Tap the button on the **Favorites** popover.
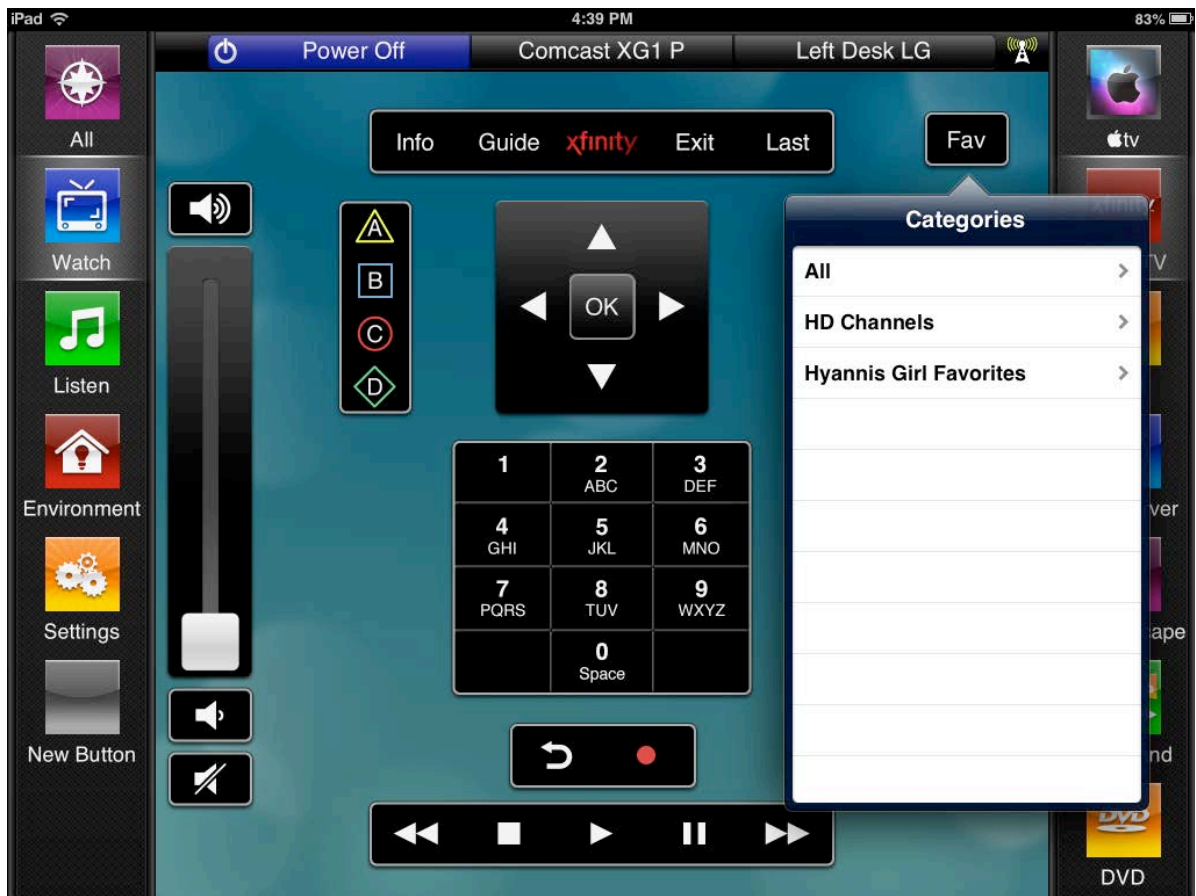
5. Tap a row in the **Categories** popover to view the channels associated with the selected category.

Viewing Favorites

You can view the Favorites popover after you have selected a relevant category. Open the Favorites popover by tapping the **Fav** button (circled in the next screenshot).
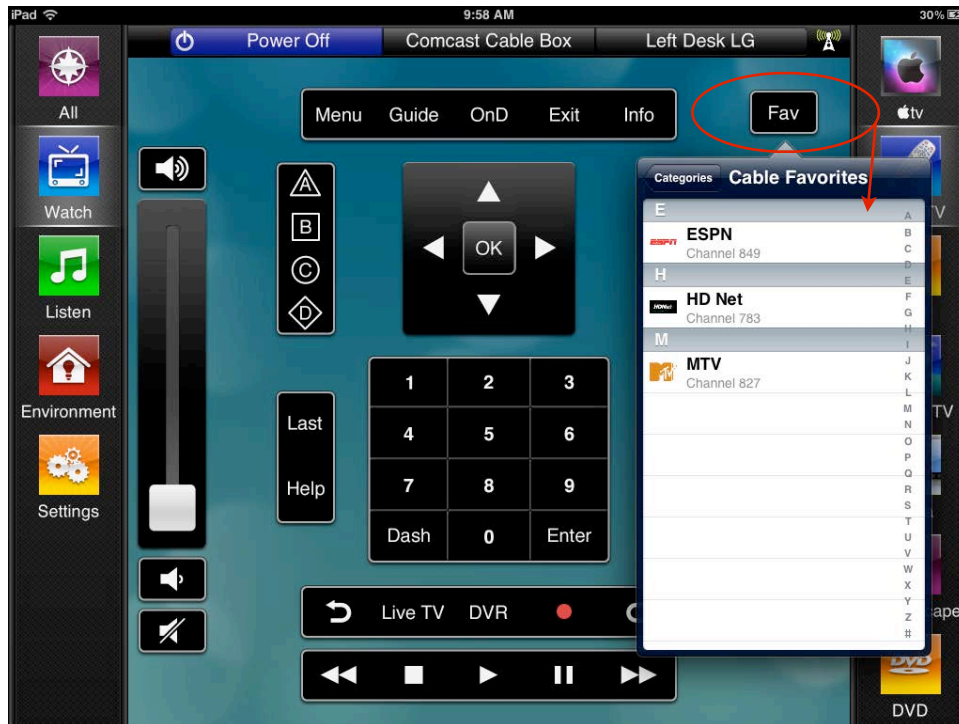
Accessing Environment Controls

From the **Environment** icon, you can access the controls for lighting, phone, window shades, security, and climate—Heating, Ventilation and Air Conditioning (HVAC).
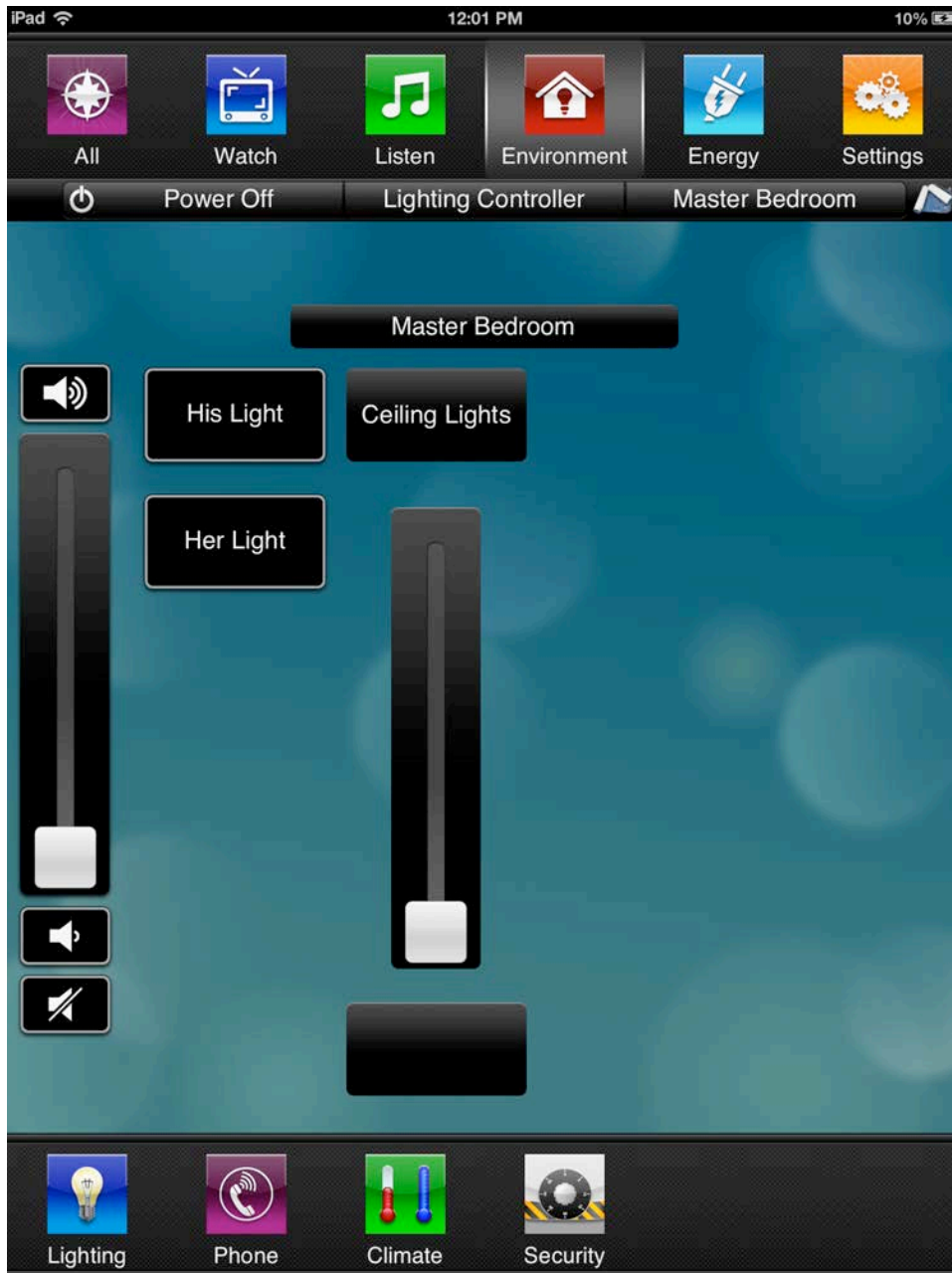
Example Environment Icons on Bottom Dock

For example, you can single tap the **Lighting** icon to open the **Lighting** popover, which shows multiple rooms with lighting control. See the next screenshot. The functionality of opening a popover to show a list of zones by tapping the appropriate icon, applies to lighting, window shades, and HVAC. A single tap on the **Phone** or **Security** icon opens the controls for those objects.

View of Single Tap on Lighting Icon

If you double-tap the icon for lighting, window shades, or HVAC (**Climate** icon), the controls for the selected room display on the screen.
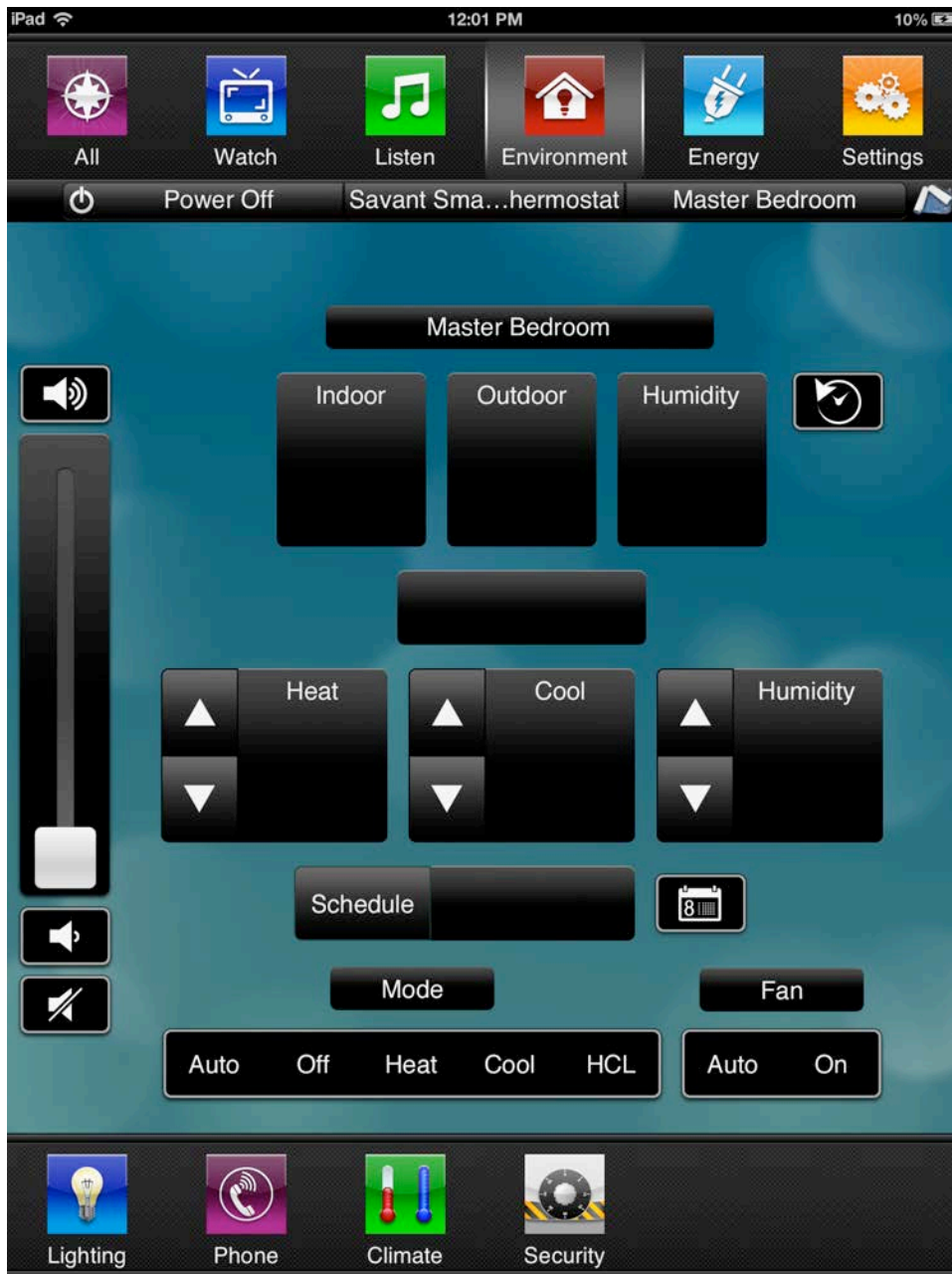
View of Double Tap on Lighting Icon

Schedule

The Schedule—along with an installed Savant Wireless Thermostat (SST-W100)—is used to control your Heating Ventilation and Air Conditioning (HVAC) systems, including create schedules, set temperatures, set humidity, and change setpoints.

To navigate to the HVAC Schedule interface, in the services dock select the **Settings** icon, and then select the **Schedule** icon as shown.
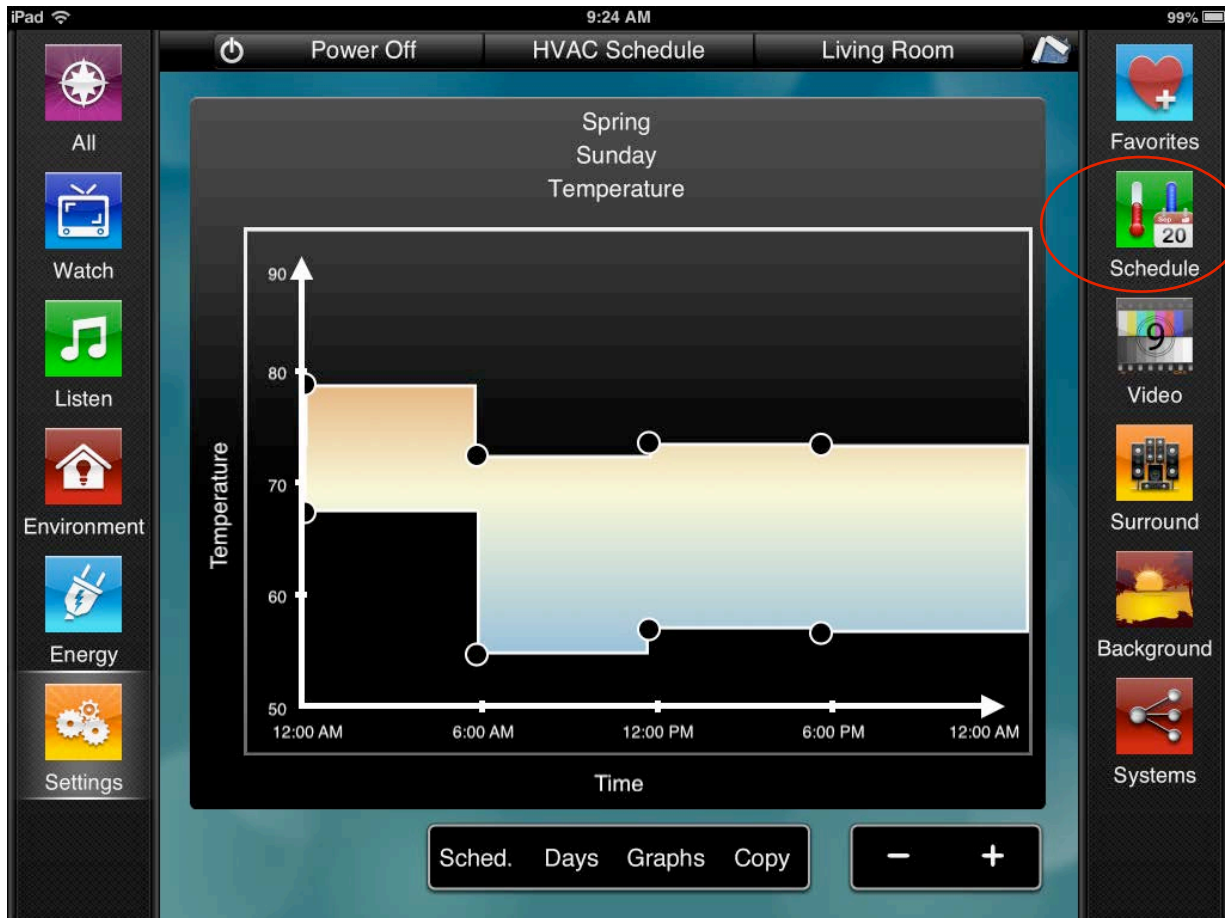
Popovers

Tapping one of these options on the HVAC Schedule main screen opens popovers used to modify, delete, and add settings:

Sched. allows you to select a different schedule to display on the graph.
Days allows you to select a different day to display on the graph.
Graphs allows you to select either a Temperature or Humidity graph.
Copy allows you to copy the currently displayed graph to another day.

NOTE: To reorder the list of schedules in a popover use this icon: [icon]. Press this icon and drag a row to a different position.

The popovers available in HVAC Schedule service allow you to modify, delete, or add an HVAC schedule. Popovers used to change the HVAC schedule are shown as follows.

Modify

The next screenshot shows example schedules in the **Schedules** popover. To modify a schedule, you tap **Edit** and then make changes in the graph view.

Delete

To delete a schedule. tap on the applicable row and then select [Delete].

Add

In the Temperature or Humidity graphs you can set temperatures for certain times of a day, and then add the these settings as a new schedule.

1 To add a new schedule, in the upper right-hand corner tap [+] or select the **New Schedule** row.

2 Enter a **Name** for the schedule and then make changes in the currently displayed graph.
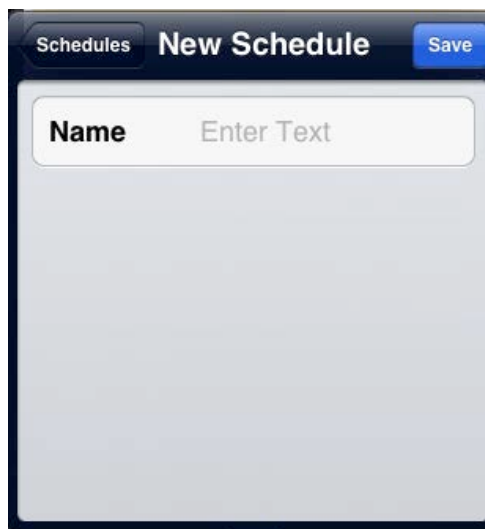
Select Day

Tap on a day that you want to display on the current graph.

Select a Graph

Tap on the type of graph that you want to display on the HVAC Schedule.
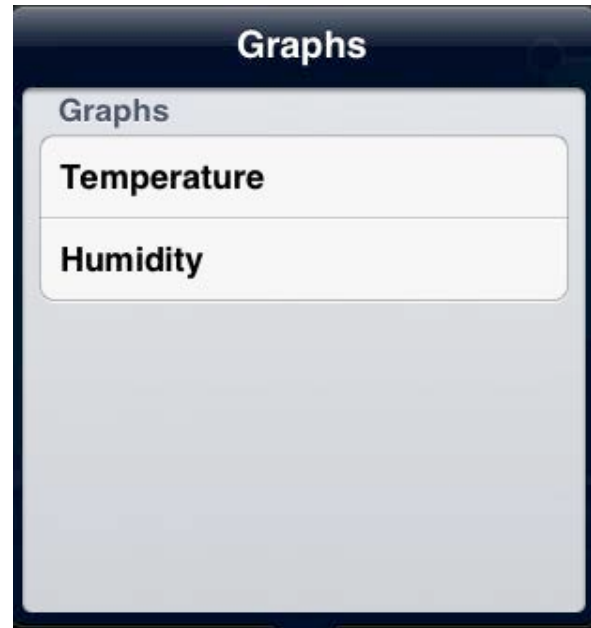
Copy a Day

Tap on a day to which you want to copy the currently displayed graph.

Enabling the Sleep Timer on an iOS Device

The Sleep Timer feature is designed to work on a per zone basis and is preconfigured. When the timer is triggered, it automatically defaults to power off only the active audio and video service in that specific zone.

To enable the sleep timer, do the following.

1. On the Savant iOS device, press and hold the **Power Off** button for two seconds.

2. Swipe to navigate to the **Sleep** section in the popover.

3. Tap the **Enable** button and a scroll wheel will appear.

4. Scroll to the desired time and tap the **Select Time** button.
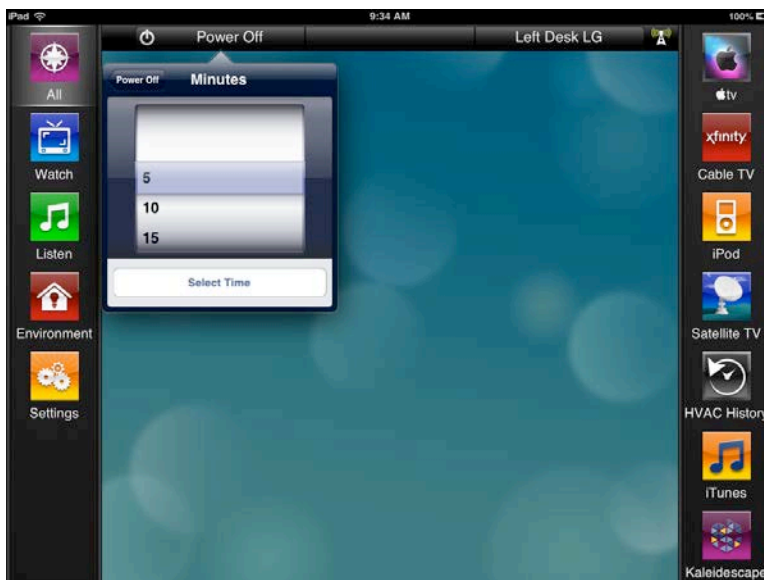
5. After enabling the sleep timer, you can increment or decrement the timer in 15-minute intervals using the appropriate buttons.
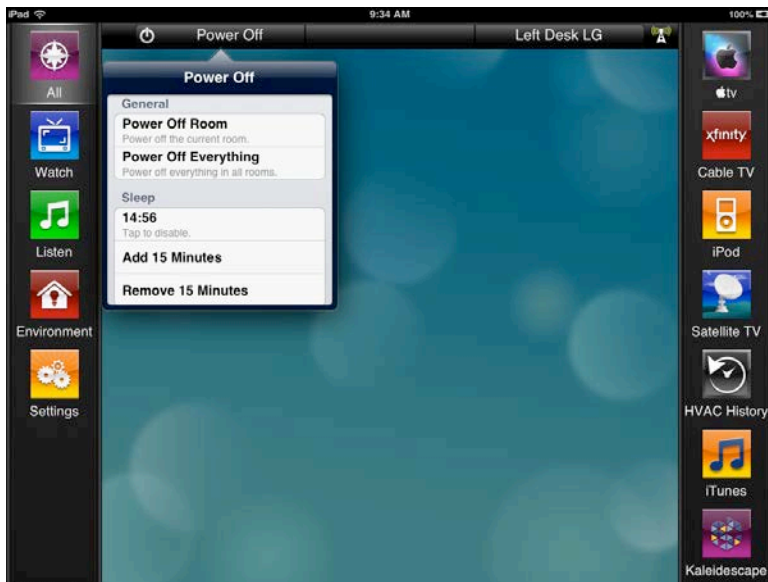
When the timer expires, the current zone will power off.

Seven-Band Equalizer

The seven-band graphic equalizer allows you to adjust the audio frequency spectrum using Savant preconfigured frequencies. The frequencies for the seven bands are: 60 Hz, 120 Hz, 360 Hz, 1 kHz, 2.5 kHz, 7 kHz, and 16 kHz. Sound can be manipulated and feedback can be eliminated using these seven bands of equalization supported by the Savant SmartAudio (SSA-3220).

To access the TrueControl Equalizer, tap .

Next, tap (labelled **EQ**)

NOTE: The **Reset** button is displayed when a system preset is selected, but not when a custom preset is displayed.

Apply the preset to all zones or view what zones have the current preset

Select a custom or system preset

Resets the sliders to the default position specified in a **System** preset

Create a new preset

Raise or lower volume

Move any of the sliders to change the sound or create a customized preset

Creating a New Preset

1. To create a new preset, tap the **Create New** button.
2. Next, enter a name for your new EQ preset.
3. Tap **Create**.

Now you can select the custom preset from the **Available Presets** popover.
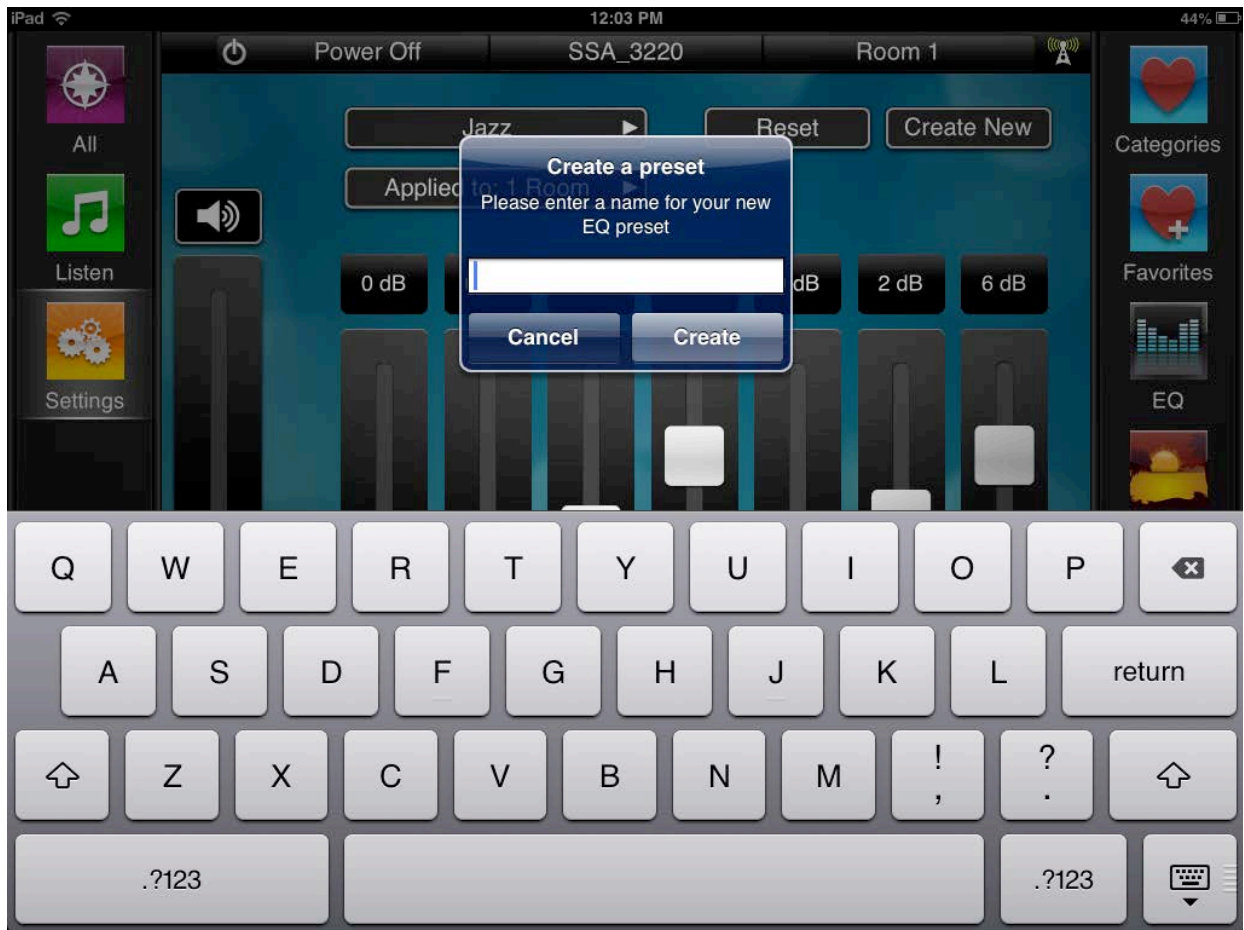
Selecting a Preset

1. Tap the preset button as shown in the next screenshot.
2. Select a preset from the **Custom Presets** or **System Presets**.

Preset Button

Preset Applied to Zones

1. Tap the zone button as shown in the next screenshot.

Zone Button

2. View all rooms where the current preset is applied or select **Apply to All Rooms** from **Actions** in the popover.
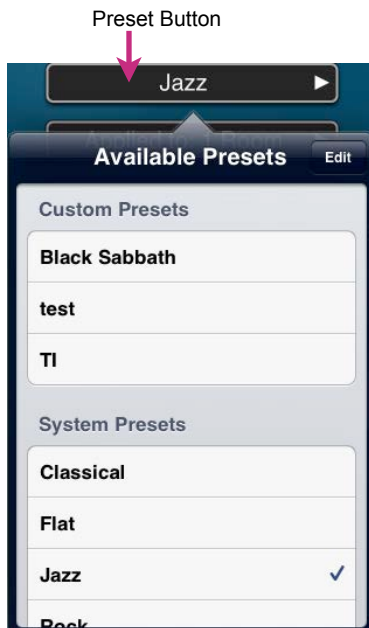
Editing a Custom Preset

1. Tap the preset button as shown in the left column screenshot (*Selecting a Preset*).
2. Tap **Edit**.
3. Select a preset under **Custom Preset**.
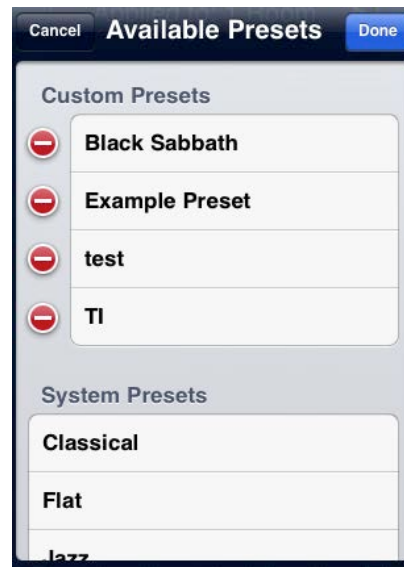
4. From the keyboard type a new name for the selected custom preset.

5. Tap **Done** in the popover.

Philips HUE Lighting Control

Philips HUE RGB lighting can be adjusted using TrueControl. The level of each color light (Red, Green, and Blue) can be adjusted via individual sliders. Note that the sliders are dependent on the configuration of the lights in Blueprint.

To access the Philips HUE lighting control, select Lighting

This will bring up the control screen.

Individual Color Sliders adjust the level of the specified color.

Room button allows for controlling other HUE lighting zones.

Individual Color Slider levels appear below the sliders.

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